

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: dwink@juno.com (Daniel C Winkler)
Subject: [7268] "Brian.Buydens: Questions about Circuit Q
Message-ID: <19961226.224247.14095.6.DWink@juno.com>

>In the pi network there are 3 unknowns (L, C1 and C2) 2 knowns (R1 and R2)
>and Q which is chosen so that $Q^2+1 > R1/R2$. In both L networks
>
> $Q = XL/R1$
>
>which seems to be from the definition of Q, but in the Pi-network it seems
>to be different. Has anyone else derived these equations?
>
>Thanks
>
>Brian.

Chris Bowick does a nice job of explaining the derivation of the pi circuit in a Sams' publication, "RF Circuit Design", copyright 1982. It is not the in chapter on "Filter Design", but in the next one, "Impedance Matching". It made sense to me at the time, but I would need to re-read it several times before I could teach it.

Sams
A Division of Macmillan Computer Publishing
11711 North College, Carmel, Indiana 46032 USA

I like my book- but I need to work at reading it some more. Usual disclaimers.

73 ; D DWink@Juno.com Dan Winkler N7IVR Seattle,
WA

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Bruce Ratray <RATTRAY@siast.sk.ca>
Subject: [7236] 1997!
Message-ID: <0853281826121996/A22279/RIEL/11ACD49B0B00*@MHS>

...and a Happy Hogmany to you Ray!...7 generations of Scots on this end...
Cheers! - Bruce Ratray (VE5RC) ratray@siast.sk.ca

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: wager@juno.com (James W. Cates)
Subject: [7255] 38 Special Parts kit
Message-ID: <19961226.200530.3950.3.wager@juno.com>

I had hoped to remain silent, and let this thread run its course. But it seems to have an extended life; hence I take pen in hand, as it were, hoping to put this matter to rest.

I recognize that I may just be stirring up more, but I hope not.

I have agonized over this throughout the Christmas holiday, and today, having spoken to Doug, feel that I can now say my piece and get this off my mind.

As I see it, this is essentially a non-issue. Ron, KA3J, was taking a survey to see if there was interest in a kit of parts to complete the 38 Special. Doug, KI6DS, who probably has more experience in parts procurement than any non commercial kit person, was essentially trying to warn Ron of the pitfalls in cranking out any kind of kit.

Some extraneous matters, such as a service fee, became part of the discussion, and I would like to put this matter to rest also.

The bottom line is that anyone who wants to kit anything, related to or not related to NorCal, that is his/her business. Not mine, not Doug's, not NorCal's. If the enterprise is outrageous, such as the outright theft and commercialization of an idea or design, circuit, then one will feel the wrath of the QRP fellowship, and ultimate failure, because QRP'ers have a keen sense of right and wrong, and an honor system that works.

The market will determine whether or not the enterprise meets the needs of QRP'ers. If there is a gouge, not only will the project fail, with expense to the originator, but with ensuing condemnation by the Court of Public Opinion, in this case, fellow QRP'ers.

I don't care if one makes a profit or not. It is simply none of my business. Again, the QRP market and court of peers will pass judgement.

In the NorCal letter of what the club is all about, there is mention that every member is equal to every other member. That if you want to start a net, for example, do it and it is an official NorCal net. Thus, Ron can kit whatever he wants and it is an official NorCal kit, should he choose to so designate it as such. If he offers QRP'ers value received,

accolades will be his: if he fails, it will be at his expense. The market can be a cruel mother, but it is the ultimate decision maker. In any case, NorCal will survive any misguided effort in its name, because it is the sum of its parts, two thousand QRP enthusiasts!

People, although I am going on sixteen, still and all, I have seen enough winters to have a live- and-let- live philosophy. Let each do his/her own thing, as long as it hurts no other person. One's peers on the net will decide right and wrong. Not me. Not NorCal!

Ever and ever, Amen. Thank you, and God Bless!

jim, WA6GER.

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: pmk@juno.com
Subject: [7264] 80 mtr loop on 40 !
Message-ID: <19961227.060841.4767.1.PMK@juno.com>

I put a 80 meter loop up a few weeks ago and have had quite good success with it on 40 mtrs. I am getting very good reports with it. I noticed that with the trusty dipole I could only get 519 to 529 when the station I was working was 599. Now I have been getting 559 and up and boy what a difference on the other end. I noticed when I used to work 20 a lot then moved I just put up the driven element of my mosley and seemed to get the same reports but I could not hear very well with it. I was sure surprised with the loops performance. To bad I have to take it down as it looks bad draping in the front yard but am going to put up a 40 mtr loop now.

Has anyone else experienced this as well or is the band just been good the last few weeks ?

73 de Patrick KD4OBQ

ar

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Paul Stroud <aa4xx@amsat.org>
Subject: [7303] 80M Roundtable
Message-ID: <32C42002.59AE@amsat.org>

Hi Gang,

As 1996 draws to a close, the KnightLites would like to say a word

of thanks to the many of you who participated in our activities during the past year. One such activity is the weekly Roundtable Net, which meets on 3710 KHz each Sunday night at 0230Z (9:30PM EST).

During the past two weeks, we have had several new check-ins to the Roundtable. A hearty welcome goes to K5ID (Ken, in Hot Springs, our first QNI from Arkansas), KD4QZW (Doug in Newport, NC), WB2VUO (Keith in Bergen, NY), K4NK (Les in Greenville, SC), W2DP (Bill in Delran, NJ), KB9IUA (Kevin in Rock Island, IL), and KT4ST (Arnie in Bloomingdale, GA). It's always fun to hear from newcomers as well as our regular Knights.

Congratulations to two Knights who have switched callsigns: K7SZ is Rich, ex-K7YHA, and K1CL is Chuck, ex-N1RXT.

Conditions vary considerably on 80M this time of year. Some nights are nice and quiet, while other nights are rough going. WJ4P (Summerville, SC) surprised us all by checking in with a respectable 559 while running only 10 mW! He then continued to reduce power while still maintaining a readable signal. Just how low did you go, Randy? We invite those of you who are interested in QRPp to seriously turn down the juice and see if we can hear you one of these nights. So far, W03B in MD holds the Roundtable QRPp record with his 800 microwatt check-in, with several more Knights checking-in at the 1-10 mW level. Some of you are running rigs that won't go down to 5W. That's fine, too. We welcome your check-in regardless of your power level.

Here's the net report for the past two Sundays:

(December 15, 1996)

N1QQV	Ken	Madison,	CT	5W	599+15	
K3QIO	Jim	Wilmington,	DE	5W	449	
N3GO	Gary	Raleigh,	NC	500mW	599	Dipole
VE3SP	Ron	Hamilton,	ON	5W	579	Vertical
WB0CLD	Bill	St. Charles,	MO	5W	439	
N3REY	John	Ellicott City,	MD	2W	439	
AE4IC	Bob	Greensboro,	NC	5W	599	Horiz Loop
KA3IVB	Curt	Oakdale,	PA	2W	589	
NU4N	Dave	Paducah,	KY	5W	579	
WJ2V	Preston	Lawrence,	NY	5W	569	Dipole
N7RI	Ralph	Charlottesville,	VA	1W	599	Dipole
W3AW	Kirk	Canton,	OH	5W	449	
N2TNN	Dean	Somerset,	NJ	3W	449	
AC4QX	Lauren	Cary,	NC	5W	579	
WB4LZQ	Kim	Piedmont,	SC	5W	589	Dipole
K7SZ	Rich	Wilkes-Barre,	PA	5W	589	Boat Anchor Gear
K5ID	Ken	Hot Springs,	AK	5W	569	TT Delta
WA8LCZ	Byron	Warren,	MI	5W	449	TS450 Gap Vert

K8EJU	Larry	Maumee,	OH		589	
KF8EE	Ted	Loveland,	OH	5W	569	Argo II, LW
KD4QZW	Doug	Newport,	NC	5W	599+15	FT990
WB2VUO	Keith	Bergen,	NY	4.5W	599	Dipole
AA4XX	Paul	Raleigh,	NC	5W	(NCS)	Dipole

(December 22, 1996)

K3TKS	Danny	Silver Spring,	MD	1W	599+20!	Loop
N1QQV	Ken	Madison,	CT	5W	599+10	
K4NK	Les	Greenville,	SC	2W	549	TT Argo
KC40	Roy	Prestonsburg,	KY	5W	589	
AE4IC	Bob	Greensboro,	NC	5W	599+10	
W1VT	Zack	Newington,	CT	2W?	569	
K1CL	Chuck	Chelmsford,	MA	5W	589	
WJ2V	Preston	Lawrence,	NY	5W	569	
N2TNN	Dean	Somerset,	NY	3W	599	
N3GO	Gary	Raleigh,	NC	<500mW	599+10	
VE3REP	Garry	Ajax,	ON	5W	449	
WB4LZQ	Kim	Piedmont,	SC	5W	599	
WB0CLD	Bill	St. Charles,	MO	5W	589	
VE3JC	John	Delaware,	ON	5W	589	
AC4QX	Lauren	Lake Gaston,	NC	5W	589	
WA4NID	Dave	Durham,	NC	1W	599	
N4LP	Emory	Ocala,	FL	5W	579	
W2DP	Bill	Delran,	NJ	5W	599+10	Dipole
KB9IUA	Kevin	Rock Island,	IL	5W	229	
VE3SP	Ron	Hamilton,	ON	5W	559	
WJ4P	Randy	Summerville,	SC	10mW	559!	
KT4ST	Arnie	Bloomington,	GA		599+20	
AA4XX	Paul	Raleigh,	NC	5W	(NCS)	Dipole

We hope to hear a good turnout this coming Sunday night. 72 es HNY, de Paul, AA4XX near Raleigh, NC

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
 From: wylde@nccn.net (Grover, K7TP)
 Subject: [7252] A Fox! My first! Happy, happy joy, joy . . .
 Message-ID: <v02130500aee8f5117b31@[205.139.74.175]>

Hey this is fun. After trying several times over the past year, I finally got one. Could it be that Index Labs rig that Santa brought did the trick?

73 to all and a Happy New Year,

Grover
K7TP

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Paulette Quick <plquick@facstaff.wisc.edu>
Subject: [7254] A suggestion for 38 Special kit idea
Message-ID: <v03007813aee8a2542e98@[144.92.104.140]>

Gang,

I look forward to scrounging for parts. Lots of Radio Shacks around here and a nice hamfest is coming up next month in Waukesha.

However....as a person who is always *too* busy, I appreciate that some folks don't want to use their limited time for parts hunting.

So here is an easy suggestion. Folks who need mod kits can let the list know. They can be contacted by those people who have the time to put together a second stash of mod parts. Payment arrangements can be discussed privately via e-mail. (Recommended: charge for cost of parts, padded envelope and shipping only.)

This can be done with Chuck's "pass on the good deed" philosophy. We get to help each other.

72 de WB9VHF
Paulette Quick
Madison WI
plquick@facstaff.wisc.edu

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: jlarsen@attmail.com (James H Larsen)
Subject: [7275] AL7FS/KH6
Message-ID: <jlarsen3620807420>

Well, we made it to HI. Hot Hot. I hope to try out one or both of my SLV anV

antennas tomorrow. No trees so I will have to use the one with 39 feet on the coil. Later I may try my Gutless SLV when I can find a good tree.

I hope to work some of you on 40 or 20 or whatever. I will be using QRP+ at just under five watts. SLV will be standard 300 ohm feed to MFJ tuner. I may also put up a dipole or two. We will see.

Whew, too hot. No air conditioning and the condo is 80 degrees at 10 pm.

73,
Jim
AL7FS/KH6

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: jlarsen@attmail.com (James H Larsen)
Subject: [7310] AL7FS/KH6 270936Dec96
Message-ID: <jlarsen3621941450>

Thanks for the messages. I am on a HP 100LX Palmtop and I don't have the strength OR Eyes to answer all. Please forgive me.

Not sure what frequencies to use yet. Lots of FSFD activity to consider and I need to set up the rig and check for QRN and birdies. Being a serious worry-wart, I even brought my ICOM IC-706 with me as a back up rig. It has a NB while the QRP+ does not.

More later.

Rained all night. Pleasant cool this am.

73,
Jim
AL7FS/KH6

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [7280] AL7FS/KH6: Antenna suggestion.
Message-ID: <19961227143157.AAA21748@LOCALNAME>

>I hope to work some of you on 40 or 20 or whatever. I will be using QRP+
>at just under five watts. SLV will be standard 300 ohm feed to MFJ
>tuner. I may also put up a dipole or two. We will see.
>

Jim! if you can get a wire ~35' high, I'd STRONGLY suggest putting up a HALF-SQUARE. The lo-angle take-off will serve you much better from HI than any other (simple) antenna. 1st hop would be West Coast and deeper. At risk of bandwidth: it's the top half of a square loop: two 1/4 wave verts hang from a 1/2 wave "phasing line" (same, single wire) fed at one corner w/52-ohm coax. I'ts particularly good if you're on a higher floor where the feed can come off at right angles to the vert. "legs". Very small inconspicuous wire can be used, with small weights or tethers on the legs to keep them from moving non-vertical. It's a BROADSIDE.

Lengths @ 40m : Vert.= 33.2'; Horiz.=70';
 @ 20m : 16.5'; 37.8';

Pls advise if you'd like more info; -don't mention the climate. =s=
"Seab" Lyon, AA1MY
Bethel, CT; FN-31-HJ;
ARCI#9253; QRP-L#574;
ARRL; QCWA; B.C.I.

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: nskousen@scientechn.com (Niel Skousen)
Subject: [7320] Altoids
Message-ID: <v02140b0eaae9ecb97742@[198.60.91.132]>

Has anyone sent pic's of 49er's, Rainbows, etc to Altoids ?
Do they have a clue ?? Probably some PR guy who would go nut's with a good picture of an all Altoids station and a 1000+ mi QSL Card...

: -)
Niel

Niel Skousen: Sr.Eng, SCIENTECH.SPG/CFG nskousen@scientechn.com
208.525.3742, FAX 529.4721 Idaho Falls ID WA7SSA QRP-L.119
Z-----DN33wm--- . . . -

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [7241] ARLB 102- RF EXPOSURE LIMITS & QRO CB
Message-ID: <19961227.011754.5223.4.k5zty@juno.com>

How's the FCC gonna get the message to all those 11 meter guys runnin'

those KW mobile rigs?? Do they have to comply , or is this just for HAMS??

I wonder if all those brain trusts that think up all this mumbo jumbo have thought about that.

72,

Bill, K5ZTY

WITHOUT CW, IT'S JUST CB

ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440

QRP-L 473

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [7305] Beacon Reports

Message-ID: <199612271931.TAA18870@chuck.dallas.sgi.com>

Gang,

>From the email that I have gotten on the single letter beacons (SLBs) on 40M near 7.038 to 7.040MHz the beacons seem to be in what was formerly the USSR.

No one has pin pointed these stations with any information that I know of on exact Long/Lat and power levels.

AK and European locations seem to hear them very regularly while the rest of us in the central US seem to hear them when 40M is extremely long, either late night or early pre-dawn hours.

If anyone in this group is near one of these, works on one, or can tell us about them, we certainly would like additional data and information.

FYI

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50

EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: gaponoff@halcyon.com (Mark Gaponoff)

Subject: [7276] Boy Scout kits help

Message-ID: <v01510100aee9373c81f0@[206.63.32.239]>

Folks,

I have received many thoughtful replies to my previous posting -- looking for a kit for a group of Boy Scouts who are working on the Radio Merit Badge.

I very much appreciate the high quality and quantity of the advice. I will post a summary of the various ideas that have been shared with me.

We are in the midst of an ice storm here where I live (near Seattle), and trees are coming down, and power is getting flakey, so it may be a couple days before I can reply to all of you who have sent your thoughts.

Thank you all very much,

--Mark

-- Mark Gaponoff (gaponoff@halcyon.com) 73's de KJ7EM.

"Life has meaning, but a poor signal-to-noise ratio."

-- Ann Gaponoff (gaponoff@halcyon.com)

"Si hoc legere scis, nimium eruditionis habes."

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "Tim Stabler" <TSTABLER@iunhaw1.iun.indiana.edu>
Subject: [7296] Chuck's comments
Message-ID: <ACE72547F4@iunhaw1.iun.indiana.edu>

Since my printing capabilities have changed in the last three months, I read the digest and no longer print it. For articles that I really want, I play the "screen print" game.

Chuck Adam's comments, in the digest I got today, I feel are right on the money. For the wanderers in this group, read his comments and then, after you have digested them a little, read them again. (Don't get nasty---I tell students to do that with my "pre-professional" brochure so I know they have understood what they read.)

Where else, besides here, would you find out about the 49er, the 38 special, the rainbow tuner, the latest from Dave Benson and all the other good stuff we crave???

Good job, Chuck.

Lastly, I must admit that radio has been way on the back burner for the last two months. I managed to fall off my roof onto the asphalt

drive. Besides the 32 stitches in my head, the purple body and broken floating ribs, I was fine.

Hope everyone had a good Christmas and will have a tremendous new year. I made half my resolution last year and have to get the other half this coming year.

Later.....

72 de WB9NLZ

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest
Gary, IN 46408

(219)980-6718
FAX: (219)980-7125

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
Subject: [7282] Circuit Q
Message-ID: <Pine.OSF.3.95.961227090254.22392A-100000@duke.usask.ca>

For those interested in the mathematical derivation of the formulae in chapter 4 of "Solid State Design..." I have started to post the derivations at my web site

<http://duke.usask.ca/~buydens/ham>

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+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca |
| VE5RDV |
+-----+
| A Thought for Christmas: |
| The only decent thing to do behind someone's back is pat it! |
+-----+
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From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: ed.welch@cheaha.com (ED WELCH)
Subject: [7249] Club expenses, etc.,...
Message-ID: <8CEE4E4.0004001193.uuout@cheaha.com>

-> David, W7AQK, suggested that NorCal charge membership fees. Also that

Er, I kinda thought the \$10 I sent for "Norcal Membership" **was** membership fees. ???????

-> officers and kit developers should be reimbursed for their expenses.

-> I agree completely. They provide a large service to the QRP community
-> and amateur radio in general. They should be reimbursed to the
-> maximum extent allowed by FCC rules. They certainly shouldn't have to
-> subsidize the kit projects with personal funds.

I could be incredibly wrong (I definitely have been in the past...just look at my ex-xyl bleeding me dry!), but I really don't think that the Norcal crew are looking for reimbursement. They do it for the love of ham radio. If, per chance, one day they decide to go commercial I'll respect their decision whole-heartedly. But...I think they do it for the enjoyment and in the spirit of Amateur Radio.

Interesting aspect in today's world, but some people still like to help others without physical reimbursement. It's a personal thing, I guess. All too much these days it appears that people tend to dwell too much on the monetary aspect of things rather than the human aspect.

I would imagine if you simply wanted to send a donation to the NorCal crew, for whatever reason, I'm sure that Jim Cates would take care of it in a manner most honorable. It's as simple as writing that check and sticking it in the mail. But, for a club like this to turn into a profit-oriented "club"....well...I think Amateur Radio would suffer.

There's a lot of debate that has arisen concerning the kitting of a "mod/finishing-package" for the "38 Special". Well, I think the designing and production team at NorCal have stated their position on the matter. It's not so much, IMHO, that they don't want somebody profiting off the add-on kit, but that they want **us** to do a little bit of leg work...to put out a little effort to go with the enormous effort that they have exerted. Sure, most of us can solder a resistor and wind a toroid, but each of us "finishing out" the "38 Special" in our own way tends to **teach us more** and possibly we might even stumble upon a better way to do something that everybody could benefit from.

I'll finish out my kit without a "mod/finishing package", hopefully I'll learn something along the way...though I'm sure I'll have to ask some

questions about some of the parts I'll need....but I'll learn by doing and asking and I won't have to ask again. For those who want the "mod/finishing package" I don't belittle you, I wish you great success with the kits. We all have different lives and different paths to travel....as long as we're happy with the way we get to our destination then all is well. Good luck to all with the kits...enjoy them, learn from them. 'Tis the reason for building them...ever how you build them!

Getting down from soap-box, zipping up flame-suit, having a last cigarette, checking pressure on fire-extinguisher, checking heart-rate, etc., etc.,...

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

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+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+
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From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>

Subject: [7253] Correction, Radio History

Message-ID: <Pine.A41.3.95b.961226193034.95846B-100000@homer23.u.washington.edu>

Well, I got the dates right but did the math wrong. It wasn't 95 years ago but 90 years ago that Reginald Fessenden engaged in the first music radio transmission. The date was the 24th of December 1906. This was the same year Lee deForest invented the vacuum tube, BTW.

But something did happen 95 years ago this past December 12. That's when Marconi successfully completed the first transatlantic wireless communication. Marconi was in St. Johns, Newfoundland, while his cohorts were located in Poldhu, Cornwall, England. It was a one way wireless communication. They used cablegrams to confirm the contact. Marconi had his own set of antenna problems as his massive antenna structures were both blown down by storms.

My thanks to all who expressed their appreciation for the post on radio history. 73 to all...

Stephen Lee, AB7HI, Tacoma, WA
slee@u.washington.edu

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Mark Burton <rmarkburton@worldnet.att.net>
Subject: [7290] Curtis 8044 XXX IC
Message-ID: <1.5.4.16.19961227094814.28d77fea@postoffice.worldnet.att.net>

Hello to all,

I have just completed a homebrew cw rig. I want to include a keyer in the case. I telephoned Mouser on 12/24 to order a 8044 (any version) chip. The customer service rep said that IC had been discontinued.

Question 1-

Is there anyone out there that knows another source? (If so, please include the telephone #)

Question 2-

Is there another 'low cost' keyer chip option? I don't need a lot of bells, but a few might be nice!

Fact:

I received a call from Mouser this AM (12/27) re: a discontinued item that I ordered. The item is the 1N914. I asked if they had 1N4148 to sub for the 914s. The answer was yes, but they are also being discontinued. They are being sold for \$.012/ea (\$1.20 / 100 pcs). That is better than the local Radio Shack. I ordered several. If you need some, you had better hurry. They only have about 35,000 left... (har!) If anyone cares, there telephone number is 800-346-6873.

Thank you, Mark WB4TGB

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [7277] Didn't Even Hear Him.....
Message-ID: <1.5.4.16.19961227050441.246f31b0@destin.nfds.net>

At 10:21 PM 12/26/96 -0500, N4JS wrote:

>OK, so no big deal for most, but I got my first FOX!

First or tenth, or whatever, it's still a big deal to me...

>Thanks to Tim's
>perseverance. His signal peaked here at 0320, hitting s7-9 at times! Good
>thing, as there was a long winded C08 right next to the frequency.

I didn't even hear him tonight, but I did hear the C08, as well as a couple
of W5's and W0's. I guess I just gotta get more wire into the air, not
enough antenna up there to catch the signals from those pesky foxes...

Either that or find me a new bird dog.....

72/73

--

Bill Myers KK4KF Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRP#42 CQC#386
Snail Mail P. O. Box 178 Shalimar, FL 32579
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>
 (Reptiles/Emergency Services/Amateur Radio)
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
<http://n9nvv.qrp.com/~fists> (That's N 9 N V V)

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [7234] Email address for KG7ME??
Message-ID: <19961227.000237.5223.3.k5zty@juno.com>

Does anyone know the Email address of Stan Yerema, KG7ME, the contest
manager for the Northwest QRP Club?? If someone would Email it to me
privately, I would appreciate it.

72 and Happy Holidays,
Bill, K5ZTY
k5zty@juno.com

WITHOUT CW, IT'S JUST CB
ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440
QRP-L 473

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Peter Beedlow <nn9k@worldnet.att.net>
Subject: [7327] Equipment hints & kinks

Message-ID: <2.2.16.19961227165326.355fb52e@postoffice.worldnet.att.net>

If you are using a MFJ model 260-B dry dummy load or similar I suggest you open it up and solder a wire from the ground portion of the S0-239 to the ground lug attached to the front support for the resistor. The S0-239 on mine is pop-riveted to the case. Not the best mechanical grounding connection! Spending a few minutes now to ensure a good ground connection will save a lot of time later. The problem with my dummy load appeared when it was 50 feet up the tower while I was looking for a intermittent coax connector problem. Fixed the dummy load and found the problem connector.....

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Jim Hydzik <congress@magpage.com>
Subject: [7278] First Week of FSFD Schedule
Message-ID: <199612271059.FAA00488@alaska.magpage.com>

Hello ALL,

The 50 States In 50 Days (FSFD) activity starts off Wednesday Jan 01. Below is a the initial list of States through Jan 08. We will attempt to provide digested schedules of states/times/bands/freqs. to help reduce message traffic to the reflector.

Time and band requests are in many 'holiday' mailboxes so this is is preliminary info but it gives you an idea of the structure.

Jan. 01,	Wednesday	ALABAMA	KS4L, Randy N4SO, Ken
Jan. 02,	Thursday	ARKANSAS	W0LK, Bob: 7 PM -> 11 PM CST 40M (guess 7.042) N9ZZ, Bob: 4:30 AM->6 AM CST 3.560 (yes AM) 7 PM->8 PM CST 3.560
Jan. 03,	Friday	ARIZONA	KC7NEV, Joe W7KXB, Bill KK7BD, Dan
Jan. 04,	Saturday	COLORADO	AL7GQ, Geno AA0XI, Marshall: 7->9 PM MST 7.037 KB0VCC, Dale
Jan. 05,	Sunday	CALIFORNIA	W6JHB, Jim: 10 AM->6 PM PST 10.110->10.118 N6WG, Bob AC6KW, Jeff K6LS, Phil

Jan. 06 Monday SPARTAN SPRINT, no special FSFD state (work everybody)

Jan. 07 Tuesday CONNECTICUT AA1MY, Seab: 9 PM->11 PM EST 7.042
11 PM->Midnight 1.810
(Actually Wed AM EST) Midnight->1 AM EST 10.115

Jan. 08 Wednesday DELAWARE K3AS, Bill: 9->11 PM EST 3.556
KA3LLL, Jim: 7:30->9 PM EST 3.556
K3QIO, Jim: 9->9:20 AM EST 7.042
10->10:20 AM " 14.059
Noon-12:20 PM " 10.115
1->1:20 PM " 18.079
2->2:20 PM " 21.059
9->11 PM " 7.042

Most every sign-up came with a note saying they would go longer if busy.

ALASKA: Jim-AL7FS/KH6 did arrive and should be posting on the air
info soon. We'll work him per his schedule so watch the reflector
for Jim's posting

If you are on this list and haven't gotten an e-mail request from me
regarding YOUR operating desires, just fill in the info here and reply.
Juno has been a mess for the last 3-4 days.

Anyone else want to sign-up, e-mail band/freq/time directly to:
congress@magpage.com

Thanks for all the responses/encouragement and suggestions. Lets have a blast!

Jim K3QIO Wilmington, Delaware

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Jim Hydzik <congress@magpage.com>
Subject: [7321] First Week of FSFD Schedule #2
Message-ID: <199612272047.PAA28851@alaska.magpage.com>

This is a repeat of yesterdays update. Lots of the crew on this list are
away from work and school e-mail sites and haven't received their request
for times and freqs. If you are on this list and can fill in your
band/time/freq info and return it from home it would be helpful. Here's
hoping junos has gotten back to normal. Worst case senario is that they will
post directly to the group like the FOX postings.

Hello ALL,

The 50 States In 50 Days (FSFD) activity starts off Wednesday Jan 01. Below is a the initial list of States through Jan 08. We will attempt to provide digested schedules of states/times/bands/freqs. to help reduce message traffic to the reflector.

Time and band requests are in many 'holiday' mailboxes so this is is preliminary info but it gives you an idea of the structure.

Jan. 01,	Wednesday	ALABAMA	KS4L, Randy N4SO, Ken	
Jan. 02,	Thursday	ARKANSAS	W0LK, Bob: 7 PM -> 11 PM CST N9ZZ, Bob: 4:30 AM->6 AM CST 7 PM->8 PM CST	40M (guess 7.042) 3.560 (yes AM) 3.560
Jan. 03,	Friday	ARIZONA	KC7NEV, Joe W7KXB, Bill KK7BD, Dan	
Jan. 04,	Saturday	COLORADO	AL7GQ, Geno AA0XI, Marshall: 7->9 PM MST KB0VCC, Dale	7.037
Jan. 05,	Sunday	CALIFORNIA	W6JHB, Jim: 10 AM->6 PM PST N6WG, Bob AC6KW, Jeff K6LS, Phil	10.110->10.118
Jan. 06	Monday	SPARTAN SPRINT	no special FSFD state (work everybody)	
Jan. 07	Tuesday	CONNECTICUT	AA1MY, Seab: 9 PM->11 PM EST 11 PM->Midnight (Actually Wed AM EST) Midnight->1 AM EST	7.042 1.810 10.115
Jan. 08	Wednesday	DELAWARE	K3AS, Bill: 10->10:20 AM EST Noon->12:30 PM " 1->1:30 PM " 2-2:20 PM " 9->11 PM " KA3LLL, Jim: 7:30->9 PM EST K3QIO, Jim: 9->9:20 AM EST 10->10:20 AM " Noon-12:20 PM " 1->1:20 PM " 2->2:20 PM " 9->11 PM "	7.042 14.059 21.059 7.042 3.556 3.556 7.042 14.059 10.115 18.079 21.059 7.042

Most every sign-up came with a note saying they would go longer if busy.

ALASKA & HAWAII: Jim-AL7FS/KH6 did arrive in Hawaii and should be posting on the air info soon. We'll work him per his schedule so watch the reflector for Jim's posts. He will activate ALASKA on a weekend after his return.

If you are on this list and haven't gotten an e-mail request from me regarding YOUR operating desires, just fill in the info here and reply.
Juno has been a mess for the last 3-4 days.

Anyone else want to sign-up, e-mail band/freq/time directly to:
congress@magpage.com

Thanks for all the responses/encouragement and suggestions. Lets have a blast!

Jim K3QIO Wilmington, Delaware

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [7250] FOX
Message-ID: <Pine.SUN.3.90.961226192703.22223C-100000@vortex.sage.dri.edu>

Hi All,

Tim had a good sig most of the eve here in NV.

QRM was on and off but was a good 549 to 579.

Good job Tim,

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [7291] FOX HUNT: Dec 31st! 0200~0400 GMT
Message-ID: <Pine.OSF.3.95.961227111734.1803D-100000@saturn.acs.oakland.edu>

Ok Gang this is your chance to finally get a fox but listen carefully!

I get my first chance of the "season" this coming Monday evening at 0200 to 0400 GMT (that's TUESDAY Dec 31st GMT). W8KC will be between 7.035 and 7.040 running about 4 watts from the trusty Corsair I. My antenna is a full wave dipole at 45'

The pipeline is generally to Texas so the CA boys will have to try REALLY hard to not get skunked by the fox. Pray for rain or snow in Michigan to cut down the bizarre line noise I get whenever something important is supposed to happen, fox hunts, contests, etc.

I will be doing a special, color, commemorative QSL card for this event, no poems, songs, limericks or novellas (sorry Chuck)... just the straight dope! Your SASE will improve the chances that your card will not drop down behind the desk and get lost ;-)

WB8ZJL has have never worked more than about 15 stations as the FOX. I am stupid, uhhh... no that's not right... stupified, how these other guys work 40+ contacts as the fox. Don't let me down, W8KC is the new call and I'd like to do a little better than my last couple of year's attempts!

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: tahrens1@juno.com
Subject: [7294] FOX Report - Preliminary Results
Message-ID: <19961227.112343.9582.2.tahrens1@juno.com>

Whew! What a rollercoaster!

The band really sounded kinda funny tonight..
but I think what was really the problem was the Argosy. I think it's little front end just couldn't handle all of the rf coming down the coax from that 3 element beam. I heard more hetrodynes & wierd stuff than I've ever heard on 40. I think that most of those images were stronger than the signals. Later, after the run, I ran the argosy through my MFJ 949E, and the 'junk' was greatly diminished! Guess it's time to call TenTec/retune some bandpass filters!

I had to move twice, or was it 3 times?.... qrm

from the top, from the bottom & all over. Guess I can't hold the freq with 5 watts, eh?!! One time I landed on the "S" beacons frequency, and it was stronger than some of those calling!

I know now that I should have listened to that still, small voice that said ...yes, sure, do it.. That was when Jim (N3BB) offered to let me use one (yes, one) of his TS940s & crank it down to 5 watts. Oh well, maybe next year.

DAVE IN MISSOURI..WHO WAS 589, please let me have all of the info.... I accidentally pushed the 'esc' key on the logging program instead of the return, and deleted you! Your signal was really great!

It's a great program, by W03B written for the Psion 3A.. lotsa nice features, etc. Contact him direct for more info.... Yes Bob, I did get you in the log! hehe

Thanks goes to Chuck for setting this up, and for letting me be a part of it!

To those of you who I didn't get, sorry, maybe next time.

OH, one more sidelight.. I promise that I will stop sending with my left hand! Gonna return to my 'normal' hand! Sorry for the crummy/shaky/garbled fist!!!

Here's the prelim results: If you see something funny, please let me know. I'd like to finalize the results on Saturday.

NR	TIME	CALL	SENT	RCVD	NAME	STATE	QRP-L
#							
1	2:00	KK5R0	449	599	VERNON	OK	325
2	2:01	AB5UA	559	599	CLIF OK	478	

3	2:02	WA5YFY	569	569	DUB	OK	159
4	2:04	AA0XI	449	559	MARSHALLCO		153
5	2:06	K50N	559	579	GARY	NM	770
6	2:09	K5UP	559	559	GLEN	OK	21
7	2:11	WA9PWP	579	559	PAUL	WIS	127
8	2:13	W0HEP	559	599	RICH	CO	5W
9	2:18	AB50U	559	559	TIM	NM	73
10	2:19	N6XU	559	579	STAN	CA	66
11	2:20	W6ZH	569	579	PETE	CA	257
12	2:22	N6MM	569	579	HARVEY	CA	318
13	2:23	K2VCO	559	579	VIC	CA	725
14	2:24	KU7Y	559	569	RON	NV	17
15	2:26	NQ7X	559	569	FLOYD	AZ	354
16	2:28	W6EMT	339	559	ROY	WA	369
17	2:32	K6VNX	579	579	ARLEN	CA	5W
18	2:34	KE4YH	559	579	STEW	AL	590
19	2:36	N5LU	569	559	BILL	OK	5W
20	2:37	WA6HHQ	559	569	ERIC	CA	429
21	2:38	AB7TK	559	579	RANDY	NM	102
22	2:40	W7KX	559	569	BILL	AZ	4W
23	2:43	W6JHB	569	559	JIM	CA	596
24	2:45	WA6NAE	559	579	DWIGHT	CA	5W
25	2:46	N7CTJ	569	579	DICK	NV	843
26	2:48	W00Q	579	579	MARTY	CO	793
27	2:54	WA7LNW	559	579	JACK	AZ	903

28	2:56	K5LE	559	559	JIM	CA	534
29	2:57	N6WG	559	569	BOB	CA	27
30	3:00	KI7MN		569	599	BOB	AZ 271
31	3:02	NQ7K	579	559	MIKE	AZ	47
32	3:04	W6BAB		569	579	HARVEY	CA 5W
33	3:05	K7TP	569	559	GROVER	CA	669
34	3:06	KI60Y		559	599	LEE	CA 837
35	3:12	W7GVN		559	579	ROD	AZ 849
36	3:14	AB7ST		449	559	BOB	UT 129
37	3:15	N4JS	559	579	JOHN	NJ	884
38	3:19	KK7BD		559	559	DAN	AXZ 696
39	3:20	WW7Y	559	559	STEVE	UT	94
		(tuff call fer me!)					
40	3:22	W03B	569	559	BOB	MD	195
41	3:23	AE4IC		569	579	BOB	NC 54
42	3:25	N9DD	559	559	TOM	IN	32
43	3:26	N7KT	559	559	ROGER	AZ	62
44	3:28	N2CX	449	459	JOE	NJ	97
45	3:35	N3GO	559	599	GARY	NC	8W
46	3:37	NI0A	449	559	JOHN	MN	689
47	3:39	N2YRJ		579	599	BOB	NY 128
48	3:42	AA1MY		449	559	SEAB	CT 574
49	3:47	KJ7NS		569	569	PHIL	WA 528
50	3:49	AB0CL		559	559	DICK	CO 483
51	3:50	W2UX	559	559	GARY	SC	593

52 3:52 KC40 559 559 ROY KY 322
53 3:54 KD40BQ 449 559 PATRICK FL 1W
54 3:58 K3QIO 559 559 JIM DEL 817
55 3:32 W3DW 559 559 DAN MO 663

Thanks,

Tim W5FN

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [7270] FOX Standings
Message-ID: <199612270645.GAA17336@chuck.dallas.sgi.com>

Gang,

Here is the latest and greatest from all the postings up to
this week.

CA is rapidly catching up to TX in the big shoot out.....

Foxhunt Current Standings Week #13

The Big Game!!!! CA-11 TX-13

Fox Scores

CALL	CONTACTS	STATE	TOTAL POINTS
W5TFB	77	TX	
K2NF	59+47	FL	106
NQ7K	37+49	AZ	86
KU7Y	57	NV	
N6GA	56	CA	
W1HUE	55	ID	
AE4IC	53	NC	

WA5VQK	50	TX
W0CH	49	MO
WB8RUQ	47	MI
N9DD	40	IN
KS4L	38	AL
AB50U	37	NM
N2VPK	36	NY
AA1IK	30	NH
W03B	29	MD
N2TNN	29	NJ
KA5DVS	25	NJ
AE9K	23	WI
N8VAR	23	OH
WB5QMP	22	ID
WA1GUV	21	VT
KF2PH	12	NY

Total Qs (a bunch)

Novice and Tech+ Scores

KB9JLO	12+	9+19+	8+ 5	IL	53
KB0ROL	12+	9+11+	18+ 4 +6	CO	60
WA7SSA	7+	5+ 3+	14+13	ID	42
WD4MSM	5+	5+ 9+	3+ 3	IN	22
KB9LGJ	11+	3+ 5		AZ	14

Total Qs over 150

Note: X.5 means X regular foxes and .5 means one Novice(5 pts)
 so that score is X+5. Only one Novice per non-Novice stn.
 So 3.5 means 3 regular and 1 novice for total of 4 contacts,
 but 8 points total. Only one Novice contact allowed for
 for the five points for the season for stations other than
 Novice/T+.

Hunters Scores (and it's a close race)

Leader: (18.5) N6XU Stan in CA

AA0XI(18.5) W00Q(10) W0CH(5.5) WB0CLD(5) AB0CD(4.5) KI0G(4.5) AA0XZ
 KQ0I WA0FGV NI0A(10.5) K0EVZ(5.5) WA0RPI(2) KD0SU(4.5) KB0VCC(3) AA70A
 N0TFI KB0PJ N0UR(2) AB0DC K6QD W0HEP(0.5) KB0YMI(0.5) WA1GUV
 W0SS KB0YBX(0.5) NG0M(0.5)
 K1MG(16.5) AK1P(7) WA1QVM(5.5) W1HUE(15.5) N1RXT(3.5) KA1AXY(3.5) N1QQV(6.5)

KC1GS W1UI(0.5) AA1MY(5.5) KC1FB(3.5) K10J(6.5) WA1UPB W1EAT N1UMA
 NT1U WA1VPB
 AA2WJ(12) AA2PF(6) N2G0(4) WZ2T N2VPK(7.5) K2VNM(6) N2YRJ(2) N2TNN(4) K2NF
 KG2DP KF2PH(1.5) N2TO W2DP K2VCO W2NRA
 K3ETS(2.5) N3SLR N3KFL W3PNL(3.5) KA3WMJ(3.5) W03B(4.5) KT3A NR3E(3) W3WZ(3.5)
 KV3NX AA3MD NF3I(1) KA3WMJ(2) K3QIO NR3Z W3DW(0.5)
 AE4IC(11.5) WB4ZKA(3) KE4YH(17.5) W4STX KS4L(2) KE4KDT(1.5) AD4ZE(4) WJ4P(3)
 K4CGY(2) KK4KF(6.5) N4S0(7) KI4JA NR4N(1.5) N4EUK(0.5) KS4HQ(0.5)
 K4PQC(2) KS4V KQ4AL N4IM(2) KC40(3) WX4P(2) AE4MX W4MO AB4RR KD40BQ
 KE4YS AE4VQ
 N5ET(18.5) AB5OU(12.5) K5W0(8) KK5R0(19.5) W5TFB(17.5) AB5UA(17.5) K5UP(11.5)
 K5ZTY(11.5) KK5MC/5 WA5WHN(2.5) AC5II(9.5) N5JKY(7) K5F0(7.5)
 WB5QMP(4.5) WB5QYT(4) W5VB0(3) KK5GJ(1.5) K5RV(12) W5HNS(8.5) WA5CVM
 AC5CI KA5DVS(2) NA5N(4) KA5T(10.5) WD5GKH K5ON(7.5) KB5YVT N5LU(9)
 KE5TF(10) W5FN(20.5) N5ALO(2) KE5FT KJ5SP(2) K5JHP(5) WB5J K5MO KC5R0(3.5)
 W5CTZ KJ5VW(4) W5XE(3) KK5NA K5JP K5ID(2.5) NA5K AB5ST K5PSH W5SST
 KK6MC(10.5) N6WG(11.5) KQ6AG(4) W6BAB(16.5) KI6DS(3) WA6NAE(7.5)
 W6ABX KO6KA(10.5) KI6SN(2) KD6ZMJ(3.5) WA6MOK(0.5) K6VNX(11.5) N6XI
 WA6HHQ(6) AA6R(4.5) WA6OWR W6EMT(4) N6GA AC6KW WA6GER(2.5) WA6RAE
 W6EMD(3.5) WB6LMA(0.5) KI6OY(2.5) N6XU(21.5) N6KR(1.5) W6ZH(12)
 N6PDX W6SI WA6EIW W6KAK K6JI(4.5) N6MM(6) W6SU(11) W6IM(0.5)
 W6JHB WD6FDD WI6M
 KK7BD(15.5) AB7ST(9.5) KC7NEV(11.5) NQ7K(9.5) NQ7X(21.5) KU7Y(12.5)
 KI7MN(6) N7KT(6.5) N7GS(11.5) WW7Y(3) N7MFB(2) WB7DUO KG7PV W7JDZ(7.5)
 AB7HI(2.5) KJ7NS(2) AB7OA W7SNV(2) N7CQR AB7MY N7MFB KJ7LB(0.5) KE7X
 W7LR KJ7UN(1.5) AL7FS(1) KE7IT(2) N7CTJ(2.5) AA7QU(3) KA7YOU W7GVN(2.5)
 W7FXH(0.5) W7KXB(1.5) WJ7H AB7TK W7GH K7CT W7LYO KJ7ZU(0.5) KC7SYL(0.5)
 W8DN(11.5) WA8CDU(9.5) W8KC WD8LDY W8EO N8VAR(4.5) K8IDN N8CQA K8DD AC8W(4)
 KF8EE(3) WD8KQY W8LRM WA8CDV
 AE9K(3) W9UQB(3) N9DD(7.5) KB9IUA(10) K9DZE(6) NN9K(10) W9ZSJ NY9B(3) WA9PWP(7.5)
 N9RYI WA9YLB(2) WB9LEF N9HH(5.5) N9SSG W9DZ(3) WB9LKC(2) W9JIF KB9UA
 VE7CQK(5.5) VE3JC(7.5) VE3SP(4) VE7SL(7.5) 8P9BM(1) VE5RC

Novice Stations working foxes - these count in separate class of prizes. Let me know if you are N/T+ and have worked a fox and I put you in the above grouping.

WA7SSA(6) KB9LGJ(1) KB0SJY(1) KB0ROL(2) N0PMY(2)

SIG

Chuck Adams (K5F0 CP-60) WAS 40m/30m/20m=49/49/50

EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [7271] FOX Standins Correction
Message-ID: <199612270657.GAA17391@chuck.dallas.sgi.com>

Right after hitting the send button, I knew there was something....

Stan the Man, N6XU and Floyd the Paddle Man, NQ7X, are in a dead heat with 21.5 each. There are others close behind also.

I'll go back and on the next posting at the end of next week I'll place per call sign area the rankins in desending order.

I get the question why not break them into geographical area. Too difficult. I'd have 50 lines for states alone. So by callsign only. We'll try to analyze the data at the end of the season, just before Dayton.

FYI

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50
EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Jack Bryant <Jack.Bryant@math.tamu.edu>
Subject: [7258] FOX: :(
Message-ID: <199612270432.WAA07064@fourier.math.tamu.edu>

Tim camped under a fax signal he must have heard! I could hear him, faintly, but the digital crap, which is not amateur, was too sweeping and persistent for me to tell who he answered or when he was open for someone else. Then the clicky C0 came on, and he moved just a tad, but the band was too long by then. So, went down and worked a Y02 and FR5. Life is too short for TX-TX fox contacts...

-Jack W5TFB :(

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: NZ8J <timcook@erinet.com>
Subject: [7251] FS/T: OHR CLASSIC
Message-ID: <32C341C4.1D96@erinet.com>

OHR QRP CLASSIC 20/40m radio for sale. With or without keyer. I am only selling to buy an OHR-400 (or possibly a Sierra) In very nice condition. Checked and aligned by Dick at OHR in Oct. \$200 w/keyer \$175 wo/Keyer

Will sell or trade on one of the above 2 radios only. Thanks!!
Tim
NZ8J

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Gene Marcus <mmarcus@hiwaay.net>
Subject: [7301] FS: HW-9 with WARC
Message-ID: <01BBF3F5.C3817940@max14-159.HiWAAY.net>

For sale -

Heath HW-9 with WARC pack installed. Excellent
cosmetic and electrical condition - \$270.

Gene Marcus W3PM
Huntsville, AL
mmarcus@hiwaay.net
(205) 880-1237

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: GARY MCCAUGHEY <MAIL4GARY@worldnet.att.net>
Subject: [7237] FS: Ten-Tec 223 noise blanker
Message-ID: <19961227010108.AAA18349@LOCALNAME>

I have a Ten-Tec model 223 noise blanker. It comes with the instruction
sheet and installation jumper cables. It is not new...and have not tested
it. I needed the 223-A for my Argosy IID and got this one by mistake. This
one will not work. I paid \$35.00 for it and will sell it for same (includes
shipping) or best offer. I have no use for it.

Reply direct to MAIL4GARY@worldnet.att.net

73 from Gary - W2UX
CW is the REAL THING!
QRP-L #593
QRP ARCI #8911
(EX: WA2UAX)
Lexington, SC

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: Bob Hightower <ki7mn@dancris.com>
Subject: [7289] FSFD-1st Week
Message-ID: <199612271549.IAA05575@dancris.com>

I have posted the FSFD schedule to my page (<http://www.dancris.com/~ki7mn>)
for handy reference.

73,

Bob KI7MN Chandler, AZ Grid DM43BI Lat 33.334500 Long -111.87260
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: N4JS <jsielke@pobox.com>
Subject: [7248] Got him!
Message-ID: <Pine.LNX.3.95.961226221900.199A-100000@jsielke.ppp.cyberenet.net>

OK, so no big deal for most, but I got my first FOX! Thanks to Tim's
perseverance. His signal peaked here at 0320, hitting s7-9 at times! Good
thing, as there was a long winded C08 right next to the frequency.

OK, I'm hooked, whose next?

/ \ / \ / \ / \
 (N) (4) (J) (S)
 _ / _ / _ / _ /
John L. Sielke n4js@amsat.org
n4js@hotmail.com n4js@n4js.ampr.org
<http://www.pobox.com/~njbirdman>
QRP-L #884 QCWA

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Stew Whitehouse <76443.501@compuserve.com>
Subject: [7292] Happy Hogmanay
Message-ID: <199612271211_MC2-DEE-ECE9@compuserve.com>

Ah, Hogmanay. I remember my first. Brought in the
new year in the town square of Montrose, Went first-
footin in Dundee and ended up at a party that lasted
two weeks! People seemed to go in shifts. I know I
was there two days and went to work for six days and
when I went back to Dundee the party was still going! :-)

Happy Hogmanay bill, and thanks for the memories.

72,72 Stew ke4yh, ex gm5ace.

Dunedin, Florida (sister city to Stirling, Scotland)

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: ed.welch@cheaha.com (ED WELCH)

Subject: [7238] headphone selection...

Message-ID: <8CEE2C4.0004001171.uuout@cheaha.com>

I've been using an old set of full-ear coverage Realistic NOVA 16 headphones (circa 1970's) for my CW work in my shack (usually weak signals). I don't have another set of phones to compare this with other than a couple of pairs of walkman phones. What I'm wondering is...would a better pair of phones help my "hearing" any or would any enhancement over these Realistic phones be minimal? Would the investment in better phones be worthwhile?

I want full-ear coverage. The walkman phones seem to work pretty good but I have a problem with them physically staying on my head (no wisecracks!<g>)

Tnx!

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: "William R. Colbert" <v31xe@dzn.com>

Subject: [7324] Hogmanay

Message-ID: <32C46521.1F16@dzn.com>

Niel asked "What is Hogmanay?"

Traditional celebration of the new year, Scottish style,

complete with the serving of the Haggis. (hot, still steaming)
Other celebrations and parties usually accompany the
traditional.

--

72/73, Ray Colbert, W5XE, SOWP 1064M
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Bruce Rattray <RATTRAY@siast.sk.ca>
Subject: [7315] Hogmanay?
Message-ID: <0630071427121996/A23675/RIEL/11ACDB852A00*@MHS>

Happy Hogmanay = Happy New Year! from the fine people in Scotland.

Now I have a question...being VERY new to qrp, what's 72 mean?

Cheers - Bruce (VE5RC) rattray@siast.sk.ca

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "chris" <guardianone@mvtel.net>
Subject: [7245] i need N100Q #2 #3
Message-ID: <9612270300.AA02060@host.ot.centuryinter.net>

I have #1 & #4 I must have missed the others somehow.
tnx chris
guardianone@mvtel.net

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: GARY MCCAUGHEY <MAIL4GARY@worldnet.att.net>
Subject: [7300] Is it to late to be a Fox??
Message-ID: <19961227185459.AAA283@LOCALNAME>

I am not sure how this whole thing got started....but guess I missed out. I
would love to put South Carolina on the air as a Fox. Is it too late? Well
guess I will have my chance to feel important during the FSFD. I will be on
for that. This QRP stuff is fun. I have been at it for about 2 years and
it sure has put the fun back in Ham Radio after 27 years.

See you all during the FSFD.

73 from Gary - W2UX
CW is the REAL THING!
QRP-L #593
QRP ARCI #8911
(EX: WA2UAX)
Lexington, SC

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: pmk@juno.com
Subject: [7330] Is Juno having problems or is it just me ??? Thank you all !!!
Message-ID: <19961227.233108.4767.4.PMK@juno.com>

Wish I could reply to all that kicked me one back.

Just wanted to thank all of you helping myself with the Juno problem.
Just wanted to know if I was the only one but boy did I get flooded with
replies. I reckon they might be trying something new up there in Boston or
just getting flooded them selves.

Now that I know the computer has a clean bill of health I feel better and
thank's again to you gents.

73 de Patrick KD40BQ

ar

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: pmk@juno.com
Subject: [7263] Is something wrong with Juno or is it me ???
Message-ID: <19961227.060841.4767.0.PMK@juno.com>

Am I the only one on Juno having problems ? Been flakey here starting a
day or 2 before Christmas. I know it is not QRP related but there are a
bunch on the list here that use Juno.

TNX es 73 de Patrick KD40BQ

ar

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: dwink@juno.com (Daniel C Winkler)
Subject: [7269] Kidney stones
Message-ID: <19961226.224246.14095.5.DWink@juno.com>

Hey, we gotta new thread!

Just so happens that's what I was doing today- stone busting.
I'm an anesthesiologist. Our hospital has a lithotripter- a German made device for breaking up kidney stones. You lie in a hot tub, and a spark plug mounted in a copper parabolic reflector creates little explosions. The shock waves travel through the water, through you, and suddenly meet a very high SWR right at the focus point- the stone!

My job is to make sure people don't dread coming back for a repeat, if necessary.

Anyway, today I learned something. Drink lemonade! According to surgeon busting up first stone of the day, drinking lemonade lowers chance of a stone by several fold(6-7 times, he said). Apparently the citrate in it helps keep calcium in solution. Regular fruit juices INCREASE the risk several fold (WHY???). Water helps. Tea helps. Milk makes NO DIFFERENCE. V8 is bad (too bad- I like the stuff)- higher amounts of sodium in the urine help pre-dispose to forming stones, so a lower sodium diet helps. Most of this is not intuitive, at least to me, and is quite different from what I learned in Med School 25 yrs. ago.

73 ; D DWink@Juno.com Dan Winkler MD, N7IVR
Seattle, WA

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [7272] Look OUT for this one!
Message-ID: <961227070020_70731.722_EHM38-1@CompuServe.COM>

Got lots responses from my request that someone post on the QRP-L list any sources for Maxwell's book, Reflections.

As to clarify a point, already have the book, don't need 'nother copy. But other guys still looking, e-mailed me to see if had received known source.

Got suggestion of ex-NX1G Ham Radio Bookstore: But his regular catalogue six

months ago said he had no more copies. Has 800 number.

Got suggestion of trying database order using large Bookstore like Barnes&Noble: Here is ISBN number if anybody wants to try 0-87259-299-5.

Have found books long out of print by using a "Bookfinder". Many of these are listed in the ATT 800 directory under _books_. ATT 800 directory is probably on the WWW somewhere, or AOL, no longer on Compuserve. Also many privately owned bookstores, especially used bookstores, belong to a "bookfinder" network. These not the "books in print" database ordering service like found at major bookstore, but rather "books out of print" investigation service. Takes time for them to track down copy, sometimes months.

Bookfinder services always worked for me, even titles last published 1920's! Basically you pay about double the going price for same used title if found yourshelf on the shelf of a used bookstore.

Dan

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "William R. Colbert" <v31xe@dzn.com>
Subject: [7318] Maxwell's Reflections
Message-ID: <32C450A0.1646@dzn.com>

I suggest that those looking and finding a source for Walt Maxwell's book "Reflections" also ask the vendor if the software disk is also available. ARRL carried that when they carried the book. The programs are in the book, but so much better to have the disk immediately available instead of having to type out the programs. Oh, these programs include: Transmission Line Constants, Transmission Line Impedance Transformation, Exact SWR from $R + jX$, Method 2. I think it is worth the extra cost if it can be located. Seems if the publishing rights are being acquired by another (Armond Noble?) the software publishing rights should be as well. 72 and good searching.

--

72/73, Ray Colbert, W5XE, SOWP 1064M
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: km1h@juno.com
Subject: [7328] MFJ 9406 Review
Message-ID: <19961227.175223.9807.2.km1h@juno.com>

There have been several persons asking about the Oct 96 QST review of the MFJ 6M xcvr. Here is a copy of my October comments to the VHF Reflector. I would ask; no make that plead; with any one contemplating a 6M kit to please make the effort to provide a quality unit.

----- Begin forwarded message -----
From: km1h
Subject: MFJ 9406 Review
From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: ah231@detroit.freenet.org (Bernard F. Gaffney Jr.)
Subject: [7284] MFJ 16010 Random Wire Tuner
Message-ID: <199612271510.KAA26730@detroit.freenet.org>

Anyone have any experience with the MFJ 16010 Random Wire Tuner, good, bad, or otherwise? Since I'm in the process of getting an HW-9 xcvr, I'd like to get a tuner for when I take to the field (I have a Butternut 6 band vertical at the main QTH; really doesn't need a tuner, but it's not very portable). I'd be interested in what those who've used it think of it. I'm not looking for the world's greatest tuner, just something small, portable, and reasonably good at tuning.

73 de N8PVZ

--

```
+++++  
| Bernard F. Gaffney, Jr. N8PVZ WIN95 Hater #1 |  
| MI-QRP #1152 |  
+++++
```

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Rogerio Gonzaga <gonzaga@med.up.pt>
Subject: [7279] Mizuho wanted
Message-ID: <199612271342.0AA19691@hipocrates.med.up.pt>

Hi, guys,

Hopefully I will be in San Francisco, California, by the end of January (just one week).

If anyone has a reasonably priced Mizuho for the 20s, in working condx, with antenna and working battery, please let me know it and calculate the price including p&h to San Francisco, by that time.

Tks es a Happy New Year for everyone.

27/73 de Roger, CT1ETT

Rogério A. F. Gonzaga, MD
Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT QTH Loc IN51re
G-QRP Club # 8673 ISWL # CT-20574 QRP-L #516

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [7267] Music
Message-ID: <Pine.SUN.3.90.961226223908.22599E-1000000@vortex.sage.dri.edu>

Hi All,

A bit off topic, so delete now if you like!

Has anyone used a little preamp from a mic to a freq counter to tune a Banjo?

If that idea will work, what is the frequency of D below middle C?

Thanks for any help, and for the BW. cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: ckrelic@bellatlantic.net
Subject: [7317] NDB's
Message-ID: <32C432A0.6ADA@bellatlantic.net>

Hello gang,

Some people on the list gave me Web sites for NDB's. I was moving things around, and all the bookmarks got lost. I would appreciate it if anyone could point me to those sites again.

Thanks Much,

Curt/Ka3ivb

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "Chris Wilken" <cwilken@greatlakesav.com>
Subject: [7262] NorCal 40 Full Band Mod ?
Message-ID: <199612270524.AAA272938@nss2.CC.Lehigh.EDU>

I am interested in knowing if anyone out there has made either of the "Full Band Mods" to their NorCal 40's as they appeared in the March '94 edition of QRPp.

The first was by Bob Warmke, W6CYX, and involved changing the values of C49, L9, and adding a 10 turn pot to replace R17.

The second example, by Terry Young, KC6SOC, also involved changing C49 and L9, but this time included the addition of a three position switch that at two positions would shunt additional trimmer capacitors across C49 and L9-thereby allowing you to use the switch to select low, medium, and high range across the band.

I would like to know what experience if any others of you have had making these mods. I have an unbuilt NorCal 40 kit I would like to make these mods on, and would appreciate any comments concerning your experience with this mod project.

Thanks for the help.

Chris Wilken
KB0DAL
Savage, MN

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
Subject: [7302] NorCal Membership Fees
Message-ID: <1.5.4.16.19961227121536.48574e76@telis.org>

There are no "fees" to join NorCal. Membership is free. The \$10 that you pay is for a subscription to QRPP, the quarterly journal of the NorCal Club. We have no officers, nor does anyone want to be paid for anything. I echo Jim's comments of yesterday 100%. Both Jim and I do what we do because we want to. We like to help, we like to listen to success stories, we like to have fun. That in itself is payment enough. NorCal is our way of giving to the ham community. Enjoy. Thank you for all of the kind words, they are appreciated. Have a happy new year, and give to others, it is fun!

I would also like to say that I echo Jim's posting 100% yesterday. He, as always, said it very well. He is a true gentleman. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "L. Mark Pilant - MS:ZK03-4/Y02 DTN:381-1529" <pilant@seesaw.ENET.dec.com>
Subject: [7285] QST View - A Review (moderately long)
Message-ID: <9612271508.AA11706@us2rmc.zko.dec.com>

The subject of QST View has come up, so I figured I write up my thoughts for others who may be considering purchasing them. BTW I also posted this to rec.radio.amateur.homebrew and boatanchors.

73

- Mark N1VQW

QST View - An Informal Review

by L. Mark Pilant, N1VQW

Shortly after they became available, in mid-December 1996, I ordered copies of the QST View CD sets. (Order number 5757 for the 1985 to 1989 set and number 5749 for the 1990 to 1994 set.) They arrived without incident four days later.

In my case, they were shipped in a heavy paper mailing envelope without any additional packing. However, I am concerned the jewel cases may not

survive a long journey.

The Contents:

Each CD set consists of a double jewel CD case, three CDs, and a small booklet. The booklet providing some very basic instructions for installing and using the QST View software.

The first CD contains the installation software and files needed by the installation to create or add to the article database. In addition each CD contains a number of (black and white) scanned in images of the individual pages from the various issues.

Installation:

Installing the software was reasonably straight forward. In my case I was installing it on an Intel Pentium running Microsoft Windows NT Version 4.0.

The only minor problem encountered installing the 1990-1994 set was encountered when the installation attempted to install the QST View icons. A dialog box popped up indicating there was a problem adding the icons to the Program Manager. However, when the dialog box was dismissed, everything appears to be in place.

A more significant problem was encountered when I attempted to add the 1985-1989 set to the already installed 1990-1994 set. Every time, the installation would fail indicating it was unable to locate the database file; even though the file was clearly visible to the Windows NT Explorer (and at the DOS command line level).

I sent E-mail to the ARRL Technical Information Service (tis@arrl.org) and received a response about an hour later. Considering all the gateways involved between here and there, this is quite a quick turn-around.

The response, from Michael Tracy, indicated they had never tested QST View with Windows NT but they had seen this problem on Windows 95. Although they were not able to reproduce the problem, it did seem to go away after the system was rebooted. I can confirm this is also the case for Windows NT. After a reboot, I was able to successfully add the 1985-1989 set.

I later tried installed the software on a clean system in the reverse order: the 1985-1989 set first followed by the 1990-1994 set. This did not suffer from the database location failure. However, there was

a slight difference in the QST View installation dialog boxes I left active which may affected the outcome.

After the installation, I started the real fun...playing with the software.

Using QST View:

As indicated in the CD booklet, the initial QST View window consists of a menu bar, a form entry area, and a document viewing area. The layout is easy to understand, but this presented the first question. How do I get the documents to view?

My first thought was to use the File pull down menu. Nope. All that lets me do is print and exit. Oh well, time to consult the on-line help. After searching a bit through the on-line help I was able to find out it was the Retrieve button which was the key. You must enter the search criteria in the form entry area and then click on Retrieve.

The retrieved articles are placed into a folder which may be viewed by clicking on the Open Folder button. (Which only appears in the menu bar when there are articles which have been retrieved.)

Retrieving the articles also cause a useful shortcut to appear. If any of the retrieved articles are contained on the currently mounted CD, the first one (on the current CD) will be brought up in the display area. Even though there may be previous articles in the retrieved article list.

All of the retrieving made a deficiency in the QST View software show up: CD swapping. There is nothing in the retrieved article list to indicate the issue in which the retrieved article is contained. As a result, you may spend a lot of time swapping CDs to view the retrieved articles.

Additional time spend using QST View uncovered a second deficiency. The form entry area does not use Microsoft "standard" data entry accelerator keys. Using the TAB key does not advance to the next field, but ENTER does. HOME and END do not position to the beginning and end of the field, but the mouse and arrow keys do. This is fairly minor, but can cause some confusion to experienced Windows users.

Another area which could use additional documentation is use of the search criteria. While the search engine is rather simple, it does have one very powerful characteristic easily overlooked: embedded wildcards.

Most Windows users are familiar with using the asterisk wildcard at the beginning and ending of a word fragment and using the question mark character within a word. However, the asterisk may also be used to match one or more characters within a phrase. It would be most useful if the on-line help offered some examples of how to exploit this power.

Summary:

If you look at QST View as a way to acquire the information in past issues of QST with about the same search power as a paper (end of the year type) index, you will be very happy with the added features of QST View.

However, if you expect QST View to be a tool to allow complex search criteria to be used to locate articles from past issues of QST you will be very disappointed.

If I had it to do all over, would I purchase these CD sets? Without question: Yes. Will I be buying future sets? Yes. Are these for everyone? No.

Suggestions for Improvements:

I would offer the following suggestions for enhancements to the QST View software:

- 1) Modify the form entry areas to support the Microsoft standard accelerator keys.
- 2) Allow the use of boolean operators (i.e., AND, OR, NOT, etc.) as part of the search criteria.
- 3) Include the issue year and month information as part of the retrieved article information.
- 4) Add a keyword shortcut (similar to "issue" or "cover") to allow the table of contents and advertisers index to be easily and quickly located.

Any questions or comments may be directed to me at:

pilant@seesaw.enet.dec.com

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Joe Everhart <n2cx@voicenet.com>
Subject: [7257] Rainbow success/Dirty Little Secret (long)
Message-ID: <199612270432.XAA09990@mail3.voicenet.com>

Gang,

Whew! Finally I can admit my dirty little secret. What a relief....

Back in early Fall, I started using a breadboard version of the Rainbow Bridge/Tuner with a 67 foot wire as my main antenna. It worked fine for the Fall QRP ARCI event and a number of casual contacts.

But then one day I stopped radiating! Looking back, it coincided with temporarily taking down the end fed wire to check out a dipole for a QRP Quarterly article I wrote. When the end fed wire went back up, I could hear stuff, but not as strong as I remembered. And the few QSOs possible were very poor indeed. Then I used the antenna to try to listen to VLF station SAQ on 17 kHz. No luck at all. Even the old familiar Omega stations in the low tens of kHz were strangely weak. On-the-air activities from home took a back seat to other pursuits .

At other locations, Rainbow-tuned antennas worked great, but even though it tuned up well, my home antenna was a dud!

How could I admit my humiliating inability to get such a simple antenna to work? Oh the ignominy, the pain, the shame of it all!

Last weekend I checked out the second Rainbow prototype to go in an Altoids tin. (Doug, KI6DS has the original.) The original breadboard, though fully functional, won't fit in a tin! As with the proto, it tuned up my wire with no real difficulties. But I *did* notice that it was very sensitive to having its ground lead touched. The breadboard did too, but I had always attributed this to lack of a good shield around the circuitry. This was strange since at a temporary setup in a local park with a wire literally thrown over a tree, there were absolutely *no* body capacitance effects.

So for the twentieth time, I went outside to check out the antenna. This time something clicked. I *always* color code my wires so that they can be identified at the *other* end. And if I can't use black for ground and red or white for the "hot" lead, I at least use a green wire for ground. Kinda like the safety ground I can remember the mnemonic "green is ground".

Except this time! For some I got things exactly backward. Where the antenna leads went through a feedthrough into the house, the ground lead was RED and the hot lead was GREEN! Dunce, dummy, rear-facing anatomical feature, you

didn't do a very basic check!

Back into the house. Throw on the Rainbow and the NC-40A... Aha! It tunes up great and touching the ground has no effect on tuning!!!!

Whoops, dinner time. After the dishes are cleared, the rig goes on the air for a quick check. There on 7040 is a familiar callsign, NF0R of St Louis Vertical fame. Quick QSO - 559 both ways (some QRM and QSB) and he is running 50 watts! yes, it works!

A couple of days later another check. A "3" is /M handing out CH QSOs. Got him on the first call, 559 both ways. Yes, the antenna is working!

Finally tonight came the ultimate confirmation. W5FN was the fox working folks all over and with good reports. Can I make it between the loud C08, the hispanic language SSB and the digital gang? Yes, after about 20 minutes, he came back! N2CX de W5FN 449 TX, etc. And he was 459. My first fox capture of the year! Now the story can be told.

As I've said before and will say again (and again, and again). Antennas make you humble!

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com

home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: ukii@megsinet.net (ukii)
Subject: [7259] result-Clock Program
Message-ID: <01BBF37D.5A1E0900@randolph2e2-8.megsinet.net>

Hello Gang.

I founbd a program,WorldTimes for Windows95 by

Marcus M=F6nnig

Hammerstrasse 103

48153 M=FCnster

Germany

It send a little icon thing to the toolbar,next to the modem symbol and regular clock.If you set the mouse on top of it,the secondary text comes up and shows UTC. Really Cool.Also can show 4 time zones.

If Anyone would like it the file name is WTIME95.ZIP

I would be glad to email it to anyone who cant find it. Size is 110kb.

So, THANKS to everyone who sent me ideas!

I like the swatch program to set system clock, but I , well, worldtimes is exactly what i was looking for...

Best 73 de john
n9ukx

SixPack of JOLT Cola still available for my first 49er qso!
(i refuse to give up!)

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "William R. Colbert" <v31xe@dzn.com>
Subject: [7316] RSGB Publications
Message-ID: <32C44EAE.6CE3@dzn.com>

Grover, I just checked the ARRL web page and they do have listed some of the RSGB publications, under antennas, and also under handy references, altho I did not see the Communications Handbook or other manuals listed. Also, in the latest issue (Jan) of QST, there are some small adds for the RSGB pubs scattered thruout the wanted section. I know they carry them as I ordered a pretty substantial selection for my office last spring. One of the better antenna books, HF Antennas for All Locations by L.A. Moxon is also listed and is highly recommended. If you don't find your choice, a call to the publications department manager may be in order.
Ray

--

72/73, Ray Colbert, W5XE, SOWP 1064M
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: ROYGREGSON@aol.com
Subject: [7274] RX Preamp
Message-ID: <961227022547_1122042851@emout01.mail.aol.com>

Hi Gang.

Just put together the Preamp from January "73" page 26 with the idea that it may be the answer of a short sense antenna for the "QRN Squasher" by W1FB in

the June 1996 "CQ" page 24. Preliminary tests looks like it may be the answer. But as these things go, Murphy appeared and shut off the normal noise source. Of course we are having a snow storm at the moment and everything seems to quiet down.

The amplifier seems to do a good job for my insensitive freq counter too !

Try it ! You may like it !

72's/73's ROY W6EMT

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: dolledb@cet.com

Subject: [7261] St Louis Vertical Progress

Message-ID: <199612270511.VAA30318@cet.cet.com>

QRPers,

This posting is for those interested in building a St Louis Vertical antenna. Mine is almost complete, and here are some things I found out along the way. I ordered a 20' fiberglass collapsible fishing pole called the "Black Widow" from Cabela's Outfitters. They had the pole in stock and shipped it UPS ground. The pole cost \$20.48 plus shipping and arrived four days after I ordered it by phone. My local Radio Shack did not stock the type of 300 Ohm twinlead specified in the instructions posted on the NorCal page in continuous lengths greater than 40', so I substituted some generic, lightweight stuff from a local hardware store. I managed to get about 108 turns on the base section of the "Black Widow" pole. I used one strand of light speaker wire for the vertical section above the coil. Shaping the dowel for the antenna base proved somewhat problematic. The 1.25 inch diameter dowel was just slightly large for the "Black Widow" pole, so I had to do a little careful whittlin' to get it down to size. In the end I got a good snug fit and trimmed the dowel to a length of one foot. About 6" of the dowel actually fits into the base section of the fishing pole. I don't intend to carve the dowel any further, as I wanted some room between the bottom of the fishing pole and the ground to avoid getting dirt in the screw threads of the base cap. All that's left to finish is to drill the dowel for a spike (I could only find 7" gutter spikes and need to find something longer) and the SLV will be ready to play. I'll post the operational results when I have a chance to try this thing out. Of course, the several feet of snow on the ground right now might delay my field trials.

I really like the way the loading coil on the bottom section of this antenna turned out. The close wrapped twinlead isn't going anywhere and actually looks pretty neat. This antenna just may be the key to getting my QRP operation going again. I have no trees at this QTH to

hold wires, and I don't think the commander here (I live on an Air Force base) would appreciate any substantial, permanent structure.

If this sounds like Greek to you, check out the information concerning the St Louis Vertical on the NorCal homepage. I would appreciate any comments from others on this net who have had experience with the SLV and could offer operating impressions or advice.

73s,

Dennis B. Dolle, NX5W

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [7307] St. Louis tuner
Message-ID: <199612271935.0AA10400@mh004.infi.net>

Gang,

Any one using their St. Louis tuner on 20M? If you are using coax or an unbalanced line, I'd like to know how you feel about the results you're getting.

Thanks.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not necessarily. - Benny Hill

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [7308] St. Louis tuner - test
Message-ID: <199612271935.0AA07942@mh004.infi.net>

Gang,

My St. Louis tuner is apparently not functioning as it should, and I'm getting terrible test results with it.

Does anyone out there have a good St. Louis tuner that they would loan for testing? I'm using the test methods and equipment outlined by Frank Witt in his April and May '95 QST articles. So, in return for the loan, I'll

furnish the lender a performance chart showing:

- (1) Efficiency through a range of resistive SWR from -16:1 to +16:1 on the major HF bands.
- (2) SWR bandwidth percentage, which is a measure of how far you can tune the transmitter without retuning the tuner.
- (3) Balance percentage. An indication of the relationship between the tuners two outputs to a balanced line.

I'd probably have to keep the tuner a couple of weeks or so.
If you are interested, send me an individual email.

Thanks.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: ldg@radix.net (LDG Electronics)
Subject: [7322] Tuner Testing
Message-ID: <v01540b02aee9eac145ec@[206.62.179.66]>

Did anyone ever set up a plan to test the available QRP tuners? I'd gladly loan out a prototype of the QRP Autotuner to whoever would set this up.

The lab at QST did some tests on the big brother tuner (the AT-11) and sent me a report that it had less than 5% loss on all bands. However, I did not get a detailed enough report to know exactly how they did the testing. It may have been in the bypass mode for all I know.

The two part QST article from AI1H on how to test tuners was really nice, but some of the procedures didn't apply to automatic tuners. I'd be interested in seeing if some of his ideas can be modified for checking automatic ones.

Dwayne Kincaid
WD8OYG

LDG Electronics

Phone: 410-586-2177 Tech Support 5-9 pm EST
Fax: 410-586-8475 <new number> 24 hour
<new e-mail and home page>
e-mail: ldg@radix.net

<http://www.radix.net/~ldg>

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [7273] W7EL wattmeter parts
Message-ID: <1.5.4.32.19961227071112.00678c8c@postoffice.worldnet.att.net>

I'm planning on building the W7EL wattmeter from the 9/90 (?) QST, and had a few questions regarding the ICs it uses. The article (unless I overlooked something) says use a CA3160, and an LM358. Upon investigating the Mouser catalog, I see a variety of sub-types of each of these components. For example, it lists suffixes of AE, S and T for the CA3160, and suffixes of AN and N for the LM358. For this project, does it matter which I choose, or is one better suited than the others?

The other question regarding this project is the range of possible values for R6 (sensitivity). The article says anything from 10K to 100K is valid. Anyone have any experience with different values here?

73,
mike KD0FX
Richland WA

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "Frank, G3YCC" <g3ycc@enterprise.net>
Subject: [7299] Web site
Message-ID: <199612271821.SAA08643@mail.enterprise.net>

New addition today, 27th Dec:

The WORW multiband dipole
Enjoy!

-----72/3-----

Frank, G3YCC G QRP Club 042
QRP Web Site: <http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [7246] Wed Nite Fox
Message-ID: <199612270304.UAA19400@dancris.com>

I sure do like those Texas Foxes! Tim had a steady pile-up for the first hour, and when he qsy'd up at 0300Z, I followed and managed to catch him. Tim, you had a great signal here in AZ...a solid 599 most of the time. I had the filter on the OHR SCAF cranked all the way down and you were still booming in! Great job!

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: JFelts4572@aol.com
Subject: [7240] White Mountain Xcvr's
Message-ID: <961226201808_1855139043@emout02.mail.aol.com>

Could some of you guy's who have built the White Mountain xcvr's please e-mail, I'd like to ask a few questions about yours.

Jerry - NR5A - Box Elder, SD

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: kd7s@psnw.com (Bill Jones)
Subject: [7265] Re: A suggestion for 38 Special kit idea
Message-ID: <199612270638.WAA00830@sierra.psnw.com>

>So here is an easy suggestion. Folks who need mod kits can let the list
>know. They can be contacted by those people who have the time to put
>together a second stash of mod parts. Payment arrangements can be
>discussed privately via e-mail. (Recommended: charge for cost of parts,
>padded envelope and shipping only.)

>

>This can be done with Chuck's "pass on the good deed" philosophy. We get
>to help each other.

Finally, someone made sense of this whole idea. Good for you, Paulette.

=====

Bill Jones - KD7S <><
Sanger, California

Reply to kd7s@psnw.com

=====

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: Paul Harden <pharden@aoc.nrao.edu>

Subject: [7326] Re: Altoids

Message-ID: <199612272253.PAA05864@zia.aoc.nrao.edu>

>Has anyone sent pic's of 49er's, Rainbows, etc. to Altoids?

> ... Probably some PR guy would go nuts ...

We have a new coffee house in Socorro (actually, the only one). Martha, the owner, stocks Altoids as it's becoming a real clickie thing with the college students. My Altoids regen receiver has been on display there for 2 weeks and yes, they have gone nuts over it. The staff and customers have listened to it. As a result, I have been given 6 Altoid tins by customers already.

Thanks for the idea. I'll get a couple of the Altoid rig photos in QRPP's from Doug, make copies, and send them to Altoids. Maybe we can get some PR and some mileage out of this. Maybe we can get them to enlarge the can just a bit for the 38-special -hi.

72, Paul NA5N

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: "M. Monninger" <markem@primenet.com>

Subject: [7243] Re: ARLB 102- RF EXPOSURE LIMITS & QRO CB

Message-ID: <1.5.4.32.19961226191621.00f31674@mailhost.primenet.com>

At 08:23 PM 12/26/96 EST, you wrote:

>How's the FCC gonna get the message to all those 11 meter guys runnin'

>those KW mobile rigs?? Do they have to comply , or is this just for

>HAMS??

Actually, I believe mobile installations are exempt, not that it would matter to these guys. Personally, I can't imagine why anyone would want to spend the time and money to build & install a multi-KW CB rig in a car/truck.

Also, the way I understand it, the exposure limit standards apply to all radio services, not just hams. In fact, I think it has applied to other services for some time. The only really new thing is that hams are no longer exempt. Check out the ARRL web site for lots more info.

Personally, I think these requirements have the potential to be more harmful to ham radio as we know it than any other factor, including the never ending code/nocode debate. The mere fact that the gov't has placed limits on exposure will be taken by many uninformed individuals to prove that there must be some danger in it. And if there's some danger in it we better ban it. Just wait till some hotshot lawyer gets wind of it and decides to make a big issues of it when some poor slob who happens to live next door to a ham gets cancer and decides to blame it on the ham. Very few of us have the resources to defend against this type of thing. To protect yourself you will have to have certified measurements taken to prove compliance. Who can afford to have that done? And add to it the movement by some municipalities to regulate transmitters (only "CB", for now, but 90% of the population does not know the difference between ham & CB). Sorry, I just don't see a very rosy future for ham radio. Our society is too full of ignorant technophobes and only-the-bottom-line oriented big businesses. We can't hold out against them for very much longer.

Sorry to digress so gloomily...must be post-holiday depression...

73 & HNY from the eternal pessimist (who hopes he's wrong)...

Mark AA7TA

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [7247] Re: ARLB 102- RF EXPOSURE LIMITS & QRO CB
Message-ID: <199612270309.UAA19534@dancris.com>

At 07:16 PM 12/26/96 -0700, you wrote:

>Actually, I believe mobile installations are exempt, not that it would
>matter to these guys. Personally, I can't imagine why anyone would want to
>spend the time and money to build & install a multi-KW CB rig in a car/truck.
>

Wonder how many kids these guys hoped to have vs how many they have :^).
Their brains must be fried anyway, according to the naysayers.

>

>The mere fact that the gov't has placed limits on
>exposure will be taken by many uninformed individuals to prove that there
>must be some danger in it.

>

>

Yup, if the gummint says it be bad, it must be bad, according to the sheep mentality. I fear the rf from ham radio far less than I do the mega db's from the boom boxes that stop next to me at the traffic light, frankly.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, AK QRP #30, not in any order of importance.

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Ed Tanton <n4xy@avana.net>
Subject: [7309] Re: ARLB 102- RF EXPOSURE LIMITS & QRO CB
Message-ID: <3.0.32.19961227143739.00943c00@tiger.avana.net>

In order to fry brains (with QRO close exposure) first you must have some.
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [7314] Re: ARLB 102- RF EXPOSURE LIMITS & QRO CB
Message-ID: <199612272001.NAA16521@dancris.com>

At 02:37 PM 12/27/96 -0500, you wrote:

>In order to fry brains (with QRO close exposure) first you must have some.

>72/73

>

>

Too true. If they had any brains, they would have spent all that money on qrp gear!

73,

Bob KI7MN Chandler, AZ Grid DM43BI Lat 33.334500 Long -111.87260
NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [7235] Re: Boxing Day
Message-ID: <19961227.000237.5223.0.k5zty@juno.com>

Is Dave (G0DJA) any kin to Nils??

Happy Holidays,
Bill, K5ZTY

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: NZ8J <timcook@erinet.com>
Subject: [7329] Re: Dummy Loads
Message-ID: <32C4546E.5169@erinet.com>

Ed Tanton wrote:

>
> Hi Tim (et al)... you can get a 36" long Type C (male) to Type C (male)
> using RG214 from Fair Radio for \$9.95 new. Cut in half, apply your favorite
> connector to the other end, and voila! Actual Type C adapters are pretty
> scarce.
>
> At 08:43 PM 12/16/96 -0500, NZ8J wrote:
> >Found a source for a few real nice dummy loads. they were \$20 each,
> >Military Surplus new in sealed packages. They are supposedly good from
> >hf to over 1 GHZ at 100W. Only one drawback is that they have a "c" type
> >connector (looks like a large BNC). I am told that these connectors are
> >available. The dummy load is about 3" square, mostly fins. Nomenclature
> >is , Dunny Load, Electrical DA-437/GRC-103 (V), made by RCL electronics.
> >They were tested by a local ham with access to some good test equipment.
> >Jim KB8NN, had a few of these left as of Sat morning. his email
> >is:kb8nn@erinet.com
> >Good luck, and if anyone has some of these "C" connectors packed away, I
> >could use one.
> >Thanks
> >Tim
> >NZ8J
>
Ed,

Just got 3 of those cables you mentioned from Fair Radio Sales today.
They were new in sealed packages. Will make a nice compact high quality
dummy load setup now.

Thanks for the tip

73's

Tim

NZ8J

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: "Paul R. Valko" <prvalko@Oakland.edu>

Subject: [7297] Re: FOX HUNT: Dec 31st! 0200~0400 GMT

Message-ID: <Pine.OSF.3.95.961227131527.3269B-100000@saturn.acs.oakland.edu>

On Fri, 27 Dec 1996, FLOYD SMITHBERG wrote:

> Hi Paul, the Fox sked had you down for 0100-0300 but your post indicates
> 0200-0400.....I will assume your post is a change and correct...OK?

Yes. Everyone take note that I will be on from 0200 until 0400 GMT!
And that's MONDAY evening in the U.S. of A.

vy 73! es Happy New Year!

=paul= w8kc

collector of tentecs and other fine plastics

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: NJBIRDMAN <jsielke@pobox.com>

Subject: [7313] Re: FOX HUNT: Dec 31st! 0200~0400 GMT

Message-ID: <Pine.LNX.3.95.961227132628.1349B-100000@jsielke.ppp.cyberenet.net>

On Fri, 27 Dec 1996, Paul R. Valko wrote:

>

> Ok Gang this is your chance to finally get a fox but listen carefully!

>

> I get my first chance of the "season" this coming Monday evening at
> 0200 to 0400 GMT (that's TUESDAY Dec 31st GMT). W8KC will be between
> 7.035 and 7.040 running about 4 watts from the trusty Corsair I. My
> antenna is a full wave dipole at 45'

>

Figures, just when I'm on a roll ;-) I have to work Tuesday night 2PM to Midnight EST ! Rats! (Nope, I work for the FAA, they frown on any sort of unauthorized transmitter on site, even QRP!)

_ _ _ _
 / \ / \ / \ / \
(N)(4)(J)(S)
 _ / _ / _ / _ /

John L. Sielke n4js@amsat.org
n4js@hotmail.com n4js@n4js.ampr.org
<http://www.pobox.com/~njbirdman>
QRP-L #884 QCWA

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: nskousen@scientech.com (Niel Skousen)
Subject: [7295] Re: Happy Hogmanay
Message-ID: <v02140b08aee9b82419dc@[198.60.91.132]>

Ok, for some of us un-cultured colonial louts . . . What in the Sam-Hill is Hogmanay day (incl stories and implications for the weak-minded..pls)

TNX Niel

>Ah, Hogmanay. I remember my first. Brought in the
>new year in the town square of Montrose, Went first-
>footin in Dundee and ended up at a party that lasted
>two weeks! People seemed to go in shifts. I know I
>was there two days and went to work for six days and
>when I went back to Dundee the party was still going! :-)
>
>Happy Hogmanay bill, and thanks for the memories.
>
>72,72 Stew ke4yh, ex gm5ace.
>Dunedin, Florida (sister city to Stirling, Scotland)

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Marcus Harton <mharton@freedomforum.org>
Subject: [7298] Re: Happy Hogmanay
Message-ID: <199612271816.NAA81535@nss2.CC.Lehigh.EDU>

At 10:31 AM 12/27/96 -0700, you wrote:

>Ok, for some of us un-cultured colonial louts . . . What in the Sam-Hill is
>Hogmanay day (incl stories and implications for the weak-minded..pls)

>

I had to resort to Webster's, so I don't have any stories or implications.
But Hogmanay seems to be the Scottish word for New Year's Eve. I suspect the
revelry we've read about is a highlands' version of our Times Square scene.

72,

Marcus AE4EX

Marcus Harton
Coordinating Producer
The Freedom Forum
1101 Wilson Blvd.
Arlington, VA 22209
703-284-3503

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: AE0Q / V31RY <v31ry@ix.netcom.com>

Subject: [7306] Re: Happy Hogmanay

Message-ID: <2.2.16.19961227123128.269f53a8@popd.ix.netcom.com>

>>Ok, for some of us un-cultured colonial louts . . . What in the Sam-Hill is
>>Hogmanay day (incl stories and implications for the weak-minded..pls)

>>

>I had to resort to Webster's, so I don't have any stories or implications.
>But Hogmanay seems to be the Scottish word for New Year's Eve. I suspect the
>revelry we've read about is a highlands' version of our Times Square scene.

>

>72,

>Marcus AE4EX

Ahhh, but it's more than just New Year's Eve.. Celebrating usually starts
in the town square (whatever town you're in), and when the clock hits
midnight, the lads all get to kiss the lasses (everyone gets a cold
afterwards!).. Then you go 'First Footing'. You bring some of your
favorite drink, and start knocking on doors that have the porch-lights
turned on.. You share some of yours, they share a bit of food and whatever
they're drinking, maybe sing a song if they have a piano.. Then you head
for the next house.. It goes on for DAYS, as Stew said!

My first one was in the mid '70's in Montrose, like Stew.. A friend and I
hooked up with two Scottish lasses at midnight, and they proceeded to drag us
Yanks around the countryside between Montrose and Aberdeen, stopping at
cottages in the hills for First Footin'.. I had to call work and tell them

I couldn't come in because I didn't know where I was or how to get back!

What fun!

Happy Hognamay! -- Glenn AE0Q/V31RY ex GM5BKC

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Jeff Casey <WB5GWB@sprynet.com>
Subject: [7293] Re: headphone selection + MORE questions
Message-ID: <199612271720.JAA08630@m7.sprynet.com>

On Thu, 26 Dec 96, ed.welch@cheaha.com (ED WELCH) wrote:
>I've been using an old set of full-ear coverage Realistic NOVA 16
>headphones (circa 1970's) for my CW work in my shack (usually weak
>signals). . . . Would the investment in better phones be worthwhile?
. . .

Ed and the gang,
I imagine that if you're using an audio filter, then stereo headphones that have broad frequency response should work fine. Otherwise, narrow frequency response "communications" headphones (e.g., 250 - 2500 Hz) could serve as a crude audio filter, and should attenuate stuff like digital whine, low and high frequency pops and clicks, etc. However, my question is: Do cheap stereo headphones tend to have such uneven frequency response that they drive a person nuts? Cheap stereo speakers commonly emphasize low and high frequencies to create the illusion of "big sound" that consumers like. Speakers or headphones that do this will require a lot of audio gain to produce suitable midrange output for ham use, and those occasional low or high frequency pops and clicks might be lethal!

I've been using some old 8 ohm NOVA 10 headphones that seem to work fine -- no complaints except that the full coverage ear pads overheat my ears :-)
(You know, someone should really design a liquid-nitrogen-cooled headphone "...for the *serious* operator"). I've tried 2 or 3 cheap walkman-type phones and found that the NorCal 40A does not provide enough audio to drive them adequately. (Maybe for the reason given above?) Don't know what impedance they are.

So, I'm sorry to say I can't shed much light on your original question, Ed, but I do have some related questions for the group:

1. Does anyone know what impedance or other characteristics to look for in phones such that they are driven adequately by the low audio output of many QRP rigs?

2. Has anyone tried the Radio Shack "communications headset" item # 20-210, page 43 of 1997 catalog, \$9.99?

3. For ham purposes (just CW, in my case), what is the difference between cheap and expensive headphones? Does the flatter frequency response of expensive ones make a discernable difference? Or is the difference mainly in comfort and durability?

4. Which brand and model of *open-ear* phones do you recommend?

Thanks, 72, and Happy New Year,
Jeff

Jeff T. Casey / WB5GWB / Long Island, NY / ARCI ARRL ARS LIQRP QRP-L
Ob-Shameless Plug: "Contact me for info on the Long Island QRP Club.
No dues, No officers, No boring lectures, Just QRP Fun!"

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [7325] Re: headphone selection + MORE questions
Message-ID: <32C4382F.2298@rakefet.com>

Jeff Casey wrote:

> snip <

> 1. Does anyone know what impedance or other characteristics to look for in
> phones such that they are driven adequately by the low audio output of many QRP
> rigs?

>

> 2. Has anyone tried the Radio Shack "communications headset" item # 20-210, page
> 43 of 1997 catalog, \$9.99?

>

> 3. For ham purposes (just CW, in my case), what is the difference between cheap
> and expensive headphones? Does the flatter frequency response of expensive ones
> make a discernable difference? Or is the difference mainly in comfort and
> durability?

>

> snip <

1. It seems to me that the better 'quality', hi-fi wise, the lower efficiency. QRP rigs often are kinda low on audio, so good efficiency is desirable. Most rigs seem to like 8 ohms output. I experimented with my OHR 100 (1m384 output) by hooking up my '8 ohm' stereo phones with the earpieces in series, which would be 32 ohms. The volume was lower.

2. I haven't tried them, but I guarantee that regardless of their electrical characteristics, I don't want to wear \$9.95 phones for a 4-hour contest session!

3. a. Narrow frequency response = cheap
b. Efficient = cheap

But

c. Comfortable and durable = expensive, which often means c => not (a or b).

Vic K2VCO

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: Vic Rosenthal <rakefet@rakefet.com>

Subject: [7242] Re: headphone selection...

Message-ID: <32C33043.4920@rakefet.com>

ED WELCH wrote:

>

> I've been using an old set of full-ear coverage Realistic NOVA 16
> headphones (circa 1970's) for my CW work in my shack (usually weak
> signals). I don't have another set of phones to compare this with other
> than a couple of pairs of walkman phones. What I'm wondering is...would
> a better pair of phones help my "hearing" any or would any enhancement
> over these Realistic phones be minimal? Would the investment in better
> phones be worthwhile?

I have tried many different sets of phones over the years, and the answer is - absolutely yes, IF you can find ones that combine a narrow frequency response with comfort. I had a pair of Kenwood HS-5 phones which were wonderful from the point of view of QRP: high efficiency and reasonable frequency response. However, my ears started to fall off after a half hour of using these &*@3! things, they caught and pulled my hair, fell off, etc. Now I'm using a new set of stereo phones from RS; they are super comfortable, but functionally inferior (I still use them; the others are too awful). One problem is that the frequency range is too broad, so you hear all kinds of clicks and thumps that you don't get with communications phones.

I have a pair of 2000-ohm phones from about 1948 which work well when used with a transformer, and provide a built-in resonance at about 600 hz. I love these, but unfortunately I don't know where to get the old-fashioned rubber cushions for them anymore, and using them bare is _really_ painful.

Vic K2VCO

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "Laura" <sputnik@imt.net>
Subject: [7281] Re: headphone selection...
Message-ID: <199612271447.HAA24203@cu.imt.net>

Ed Welch, KF4KRV, wrote:

<I've been using an old set of full-ear coverage Realistic NOVA 16 headphones (circa 1970's) for my CW ... What I'm wondering is...would a better pair of phones help my "hearing"...? >

I have never used the Nova 16s, but I really love the Heils I'm using now - (top of the line for Heil with boom mike and foot switch). Before I got them, I was using Bose headphones - great with the "Beatles" on my stereo - but lacking in sound quality for cw. I think they weren't picking up enough high tones. Anyway, I noticed a BIG difference between my Heil set and any other I've worked with, even some of the great sets I've used for field day and group contests. It could be that our opinion of our headsets has some bearing on the "ear of the beholder". I know that when I'm trying to pick the QRP Fox out of the noise, it's nearly impossible without my Heil set. I look forward to hearing the opinions of the rest of you on this.

73 de KJ7UN, Laura

Laura Marino Lubner - Reese Creek Montana USA
sputnik@imt.net <http://www.imt.net/~sputnik>
GHRC / ARRL / FISTS / MARC / QRP-L # 790

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: n5zgt@swcp.com (Brian Mileseshosky)
Subject: [7323] Re: Hogmanay?
Message-ID: <199612272201.PAA05077@kitsune.swcp.com>

>Happy Hogmanay = Happy New Year! from the fine people in Scotland.

>

>Now I have a question...being VERY new to qrp, what's 72 mean?

>

>Cheers - Bruce (VE5RC) rattray@siast.sk.ca

"72" is the QRPer's way of saying "73."

72,

Brian, N5ZGT

Boy Scouts of America	Amateur Radio - N5ZGT
Eagle Scout (12-6-96)	ARRL QRP: NorCal# 1700 QRP-L# 580
JASM - Troop 41	Author of Worldradio's "Youth Forum" Column
Albuquerque, N.M.	Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<<	Internet: n5zgt@swcp.com

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [7304] Re: Is it to late to be a Fox??
Message-ID: <199612271922.TAA18837@chuck.dallas.sgi.com>

Gary et.al.,

I have gotten several emails from those new to the group.

Here is the way the fox crew works. We set up the schedule in September, so stay tuned. Same Bat Channel, same bat time.

So you have 9 months of toroids, Q-dope, Dayton weather, fox postings, and propagation studies to keep you busy until that time.

Unfortunately, the fox hunt has turned out to be a rather popular activity with this group and the demand for positions far exceeds the number of positions available. We/I don't want this to become a year-round activity. 8 months is enough. :-)

Watch for the WARC propagation study in June-Aug timeframe. An expansion from the TMPS (Thirty Meter Propagation Study) which was a popular item the last two summers.

So in the meantime work on the antennas, code speed, and contest type skills if you want to be a fox. It is a rather demanding position and honor to become one of the chosen to be 'pounced' upon like a rare DX station.

FYI

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50

EMPS QSOs=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "Len W. Touth" <len@infinet.com>
Subject: [7286] Re: MFJ 16010 Random Wire Tuner
Message-ID: <199612271522.KAA14882@mail1.infinet.com>

R

I have had an MFJ 16010 Random Wire Tuner for about 2 years. I have used it from hotel rooms, to my patio, to field events.

I have approx. 200 qso's logged on it, and have had excellent success with it and about 50 feet of wire.

The best results I have obtained were when I attached an extra wire to the tuner case, and ran it to a ground source - either a plumbing fixture or the ground socket in a hotel room (a banana jack works great here). While using this method last summer, I worked a DL station with a hunk of wire only about 25 feet long hung from my patio ceiling on 40 meters.

Not too bad for random wire and 5 watts.

Don't expect anywhere near the success of ur Butternut, but in a pinch or while traveling, it is not too bad.

Best 72/3

Len

KG8SF

len@infinet.com

kg8sf@key.com

QRP-L # 841	CQrp # 2	ARCI # 9025	FISTS # 2134
-------------	----------	-------------	--------------

CHARTER MEMBER - THE COLUMBUS QRP CLUB - CQrp
Web Page: <http://www.infinet.com/~len>

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: rhight@primenet.com (Roger Hightower)
Subject: [7287] Re: MFJ 16010 Random Wire Tuner
Message-ID: <199612271528.IAA25910@primenet.com>

At 10:10 AM 12/27/96 -0500, Bernard F. Gaffney Jr. wrote:

>

>

>Anyone have any experience with the MFJ 16010 Random Wire Tuner, good,
>bad, or otherwise? Since I'm in the process of getting an HW-9 xcvr,I'd
>like to get a tuner for when I take to the field(I have a Butternut 6
>band vertical at the main QTH;really doesn't need a tuner,but it's not
>very portable). I'd be interested in what those who've used it think of
>it. I'm not looking for the world's greatest tuner, just something
>small, portable, and reasonably good at tuning.

>

I've used the 16010 in the field with good results.....when I could only use
a random wire antenna. When I started using dipoles, the MFJ 901B was my
choice. Small, light, and inexpensive. It does a good job on random wires
too, so I finally sold the 16010.

Have found a number of 901B's at hamfests for around \$40.00. This tuner
works from QRP levels up to 100W with no problem.

72/73 de Roger N7KT (Ex-AA7QY) Mesa, AZ Grid DM43cj

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996

From: NJBIRDMAN <jsielke@pobox.com>

Subject: [7312] Re: MFJ 16010 Random Wire Tuner

Message-ID: <Pine.LNX.3.95.961227131925.1349A-100000@jsielke.ppp.cyberenet.net>

On Fri, 27 Dec 1996, Bernard F. Gaffney Jr. wrote:

>

>

> Anyone have any experience with the MFJ 16010 Random Wire Tuner, good,
> bad, or otherwise?

>

> | WIN95 Hater #1 |

> ++++++

>

>

I love this! I thought I was!

Anyweay, I have had an MFJ16010 for years. Mine has a balun in it for balanced line, also. It works FINE at QRP levels. About 100 watts will toast it, however..As I don't believe in baluns for open wire line, I rarely use that, although when I have, it worked fine. (I usually use an old Viking KW Matchbox...bigger than all my QRP stuff put together, and then some!)

_ _ _ _
 / \ / \ / \ / \
(N)(4)(J)(S)
 _ / _ / _ / _ /

John L. Sielke n4js@amsat.org
n4js@hotmail.com n4js@n4js.ampr.org
<http://www.pobox.com/~njbirdman>
QRP-L #884 QCWA

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Art Searle <w2nra@netusa.net>
Subject: [7283] Re: New Kenwood TS-570D repair & review
Message-ID: <32C3E6BA.7626@netusa.net>

Hello Roger, Curt, Bob, Mike, Bob, Kim, John, Mike and
the rest of the QRP-L Group,

Several of you have inquired about the trouble I have recently
had with my new Kenwood TS-570D so I thought I'd take this
opportunity to describe what happened and also give you an
overview of my thoughts on this radio.

My Problem:

I bought the radio towards the end of October but work
requirements prevented me from trying it out other than for 2
quick QSOs to see if it worked. When I began to put the radio
through it's paces toward the end of November I stated detecting
some intermittent reactions from this radio. It would not retain
memory setting, menu settings or keyer settings. It was as if like
the transceiver would do a partial reset every time I shut it off.
When I shut the transceiver off first, then the power supply and turn
the power supply back on the transceiver would turn back on again
also. While you are suppose to be able to turn the transceiver
on and off from the power supply, this shouldn't happen if you
turn off the transceiver first. While I was investigating this
problem, trying to determine if it was a computer interface
problem, battery backup problem or a serious hardware problem the
transceiver failed completely. The transceiver seemed to perform

normally in every way except that there was no receive or transmit. Kenwood replaced the control unit and the transceiver seems to work fine now.

Kenwood Service:

Overall, I'd give Kenwood a B+ for service and a D for customer relations (They are no Ten-Tec). Because this is a new model and because of horror stories I've heard about from people who have used Kenwood's east coast repair facility, I decided to send my transceiver to California for repair via 2nd day air. After a week, I tried to call from the office 3 times to find out if it got there ok. I was told I'd get a call back and didn't. I think they forget we are on Eastern Standard Time and that we do not work until 9:00 pm PST. I finally did get a call back in answer to an email message that I had sent and was told that my transceiver was logged in a week after I sent it (remember, I sent it 2nd day air). They said they would have to check the status of my transceiver and call me back. I got a call the next day that the transceiver was repaired and that they shipped it out 2nd day air, the same way I shipped it to them. I got it back December 23 and it seems to check out fine. They did forget to reinstall my cw filter so I had to call them again. They shipped my filter to me next day air and now all is as it should be, except I out the cost of 2nd day air to California and the cost of 4 phone calls (I am an honest civil servant, I pay for my personal calls from work).

Kenwood TS-570D mini-review:

A much better and more thorough review was posted by Mike K1MG on Dec 11, 1996, titled "TS-570D initial impressions"

Bottom line: I like this Transceiver.

Output power is NOT continuously adjustable. You can set it in 5 watt intervals from 5 to 100 watts. The output when set to 5 watts seems to be a consistent 4.2 watts on all bands. The receiver is quiet. The digital filtering works as well as any of the external units I've tried. You have 2 digital filters that can work simultaneously in receive. A digital filter can also be configured to shape the transmitted SSB signal. One of the digital receive filters is an AF filter that can be set to 2.0K, 1.0k, .6k, .4k, .3k, .2k, .1k, and .05k in the CW mode. This filter seems to have no effect in SSB though you can use Kenwood's DSP Slope Tune and that works very nicely in filtering out QRM above or below your operating frequency. The other filter is a 2 stage noise reductions filter, NR1 and NR2. NR2 has a 2 adjustment time constant. On noisy bands this filter works very well although it does give the signal a kind of under water sound with the slower time constant. But it does make uncopiable signals copyable. The main reason I like the radio

is because it seems to do a lot for noise reduction and yet have a limited number of controls. It's an easy transceiver to use. I remember the days when I had a Yaesu 1000D and I would look at the face and stare at all of the knobs and try to remember what I wanted to do and what knob I needed to do it with (have you every chased very rare DX in a humongous slip frequency pile-up using QSK QRO and dual receive. .That's fun! . .That's cheating!) I did use the Kenwood with their radio control program and 2 logging programs, DXBase 4.6 and DX4Win. It works flawlessly with all, however you have to keep the port speed as fast as possible with the Kenwood radio control program and DX4Win or you can get keying delays when you transmit CW via either the external paddles or a straight key. If you are using the radio control program to transmit, or if you only transmit SSB, the port speed is not critical.

I skipped alot of the features because they were covered in Mike K1MG's review on Dec 11, 1996.

73, de Art

--

Art Searle, W2NRA [ex WU2K], ARRL Life Member, QRP-L #524
QRP ARCI #9123, DXCC MX & CW HR, NRA Benefactor Life Member
NRA Certified Firearms Instructor, Fight for your rights!
Join the NRA now! <http://www.nra.org/membership/mmbrapp.html>

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Steve Miller <kg7pv@teleport.com>
Subject: [7288] RE: NorCal 40 Full Band Mod ?
Message-ID: <1.5.4.32.19961227154413.0068f9b4@mail.teleport.com>

>Date: Thu, 26 Dec 1996 23:23:13 -0600
>I am interested in knowing if anyone out there has made either of the "Full
>Band Mods" to their NorCal 40's as they appeared in the March '94 edition
>of QRPP.
>
>The first was by Bob Warmke, W6CYX, and involved changing the values of
>C49, L9, and adding a 10 turn pot to replace R17.
>
>The second example, by Terry Young, KC6SOC, also involved changing C49 and
>L9, but this time included the addition of a three position switch that at
>two positions would shunt additional trimmer capacitors across C49 and
>L9-thereby allowing you to use the switch to select low, medium, and high
>range across the band.
>

>I would like to know what experience if any others of you have had making
>these mods. I have an unbuilt NorCal 40 kit I would like to make these
>mods on, and would appreciate any comments concerning your experience with
>this mod project.

>

>Thanks for the help.

>

>

>Chris Wilken

>KB0DAL

>Savage, MN

>

I have done both of these mods. I did the switch version on my original 40 but used

just two positions. That way - up was the upper band section and down was the lower section. I used a small trimmer cap (2-50) with a spst switch that put the cap in or out of line. Ended up with a 65 kc swing and was able to tune this setup with a bit of overlap in the ranges.

I used the ten turn pot version in my 40A. I had no trouble getting full band coverage and also did the mod on L6, C8 to increase the pwr out at each end of the tuning range. This mod also (on the 40A) affects the RIT range.

As I recall the rit is 10% of the vfo range so full band coverage meant the rit was +/- 7.5 kc. That made the rit too touchy for my tastes so I have gone back to a smaller range 7.002 - 7.055 and have been thinking about doing the switch mod again. 73

Steve Miller KG7PV Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-l@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "L. Mark Pilant, VMS Engineering" <pilant@seesaw.UNET.dec.com>
Subject: [7244] RE: QST View CDR0M
Message-ID: <9612270233.AA23100@us2rmc.zko.dec.com>

John, I installed my set last week with only minor problems. I installed it on a Pentium running NT 4.0. I only ran into two minor problems:

- 1) The installation complained about not being able to add the icons to the program manager. However, everything appears to have been added correctly.
- 2) When I installed the 90-94 set and then the 85-89 set, the second set would not install because it could not locate the existing

database. I sent E-mail to the ARRL technical assistance address and was told they had seen the problem and could not reproduce it; although after a reboot the installation of the second set would succeed.

However, when I installed them in the reverse order 85-89 then 90-94 I didn't get the error. Strange.

Other than that I haven't seen any major problems. (Other than the current thread I'm participating in in rec.radio.amateur.homebrew :-)

I'd suggest sending off E-mail to the ARRL. They have been very responsive for me.

73

- Mark N1VQW

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "Chuck (Jack) Hawley" <c-hawley@uiuc.edu>
Subject: [7256] Re: Questions about Circuit Q
Message-ID: <32C349EF.4FA5@uiuc.edu>

Brian.Buydens@usask.ca wrote:

> In the pi network there are 3 unknowns (L, C1 and C2) 2 knowns (R1 and R2)
> and Q which is chosen so that $Q^2 + 1 > R1/R2$. In both L networks
>
> $Q = XL/R1$
>
> which seems to be from the definition of Q, but in the Pi-network it seems
> to be different. Has anyone else derived these equations?
>
> Thanks
>
> Brian.

You will want to read the article by Elmer Wingfield, W5FD in QST August 1983, page 23.

Chuck, KE9UW

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: WD6BOR@aol.com
Subject: [7319] Re: Rainbow success + Altoids tin drilling
Message-ID: <961227160446_1256327466@emout11.mail.aol.com>

Joe,

Great post on the Rainbow. I think all of us have done something similar. I have my order in and marked "Do not open 'til Jan 1", and am looking forward to getting the kits. Already have an Altoids tin cleaned up and waiting and have just finished putting an Atomic keyer into another. This will make a complete Altoids station with my original 40-9er. Now to see if I can actually work someone with them.

Note to the list about using Altoids and other thin metal tins. I drill them by first punching a small hole with a sharp awl then drilling the hole out with a step drill such as a Unibit. They are expensive, but very handy around the shack. Just drill slowly on a backing block of soft pine. I finish the holes with a chain saw file. They are very fine and can be found down to a relatively small diameter. I screw a vinyl "Scotchlock" wire connector onto the end of the file to keep the tang from punching through my palm. A must-do safety item.

Thanks again for putting the Rainbow kits together. Projects such as this keep the hobby fun!

Darrel, WD6BOR
Sonoma, CA

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: Ed Tanton <n4xy@avana.net>
Subject: [7311] Re: Rainbow success/Dirty Little Secret (long)
Message-ID: <3.0.32.19961227144419.00925950@tiger.avana.net>

Good for you Joe... we've ALL done stuff like this from time to time, and hearing about others is an excellent reminder to check our own stuff... and makes me-personally-feel better to know I'm not the only one!!! Season's Greetings!

At 11:32 PM 12/26/96 -0500, you wrote:

>Gang,

>

>Whew! Finally I can admit my dirty little secret. What a relief....

>

>Back in early Fall, I started using a breadboard version of the Rainbow
>Bridge/Tuner with a 67 foot wire as my main antenna. It worked fine for

>the Fall QRP ARCI event and a number of casual contacts.
>
>But then one day I stopped radiating! Looking back, it coincided with
>temporarily taking down the end fed wire to check out a dipole for a QRP
>Quarterly article I wrote. When the end fed wire went back up, I could hear
>stuff, but not as strong as I remembered. And the few QSOs possible were
very
>poor indeed. Then I used the antenna to try to listen to VLF station SAQ on
>17 kHz. No luck at all. Even the old familiar Omega stations in the low
tens
>of kHz were strangely weak. On-the-air activities from home took a back
seat
>to other pursuits .
>
>At other locations, Rainbow-tuned antennas worked great, but even though
>it tuned up well, my home antenna was a dud!
>
>How could I admit my humiliating inability to get such a simple antenna to
>work? Oh the ignominy, the pain, the shame of it all!
>
>Last weekend I checked out the second Rainbow prototype to go in an Altoids
>tin. (Doug, KI6DS has the original.) The original breadboard, though fully
>functional, won't fit in a tin! As with the proto, it tuned up my wire with
>no real difficulties. But I *did* notice that it was very sensitive to
having
>its ground lead touched. The breadboard did too, but I had always
attributed
>this to lack of a good shield around the circuitry. This was strange
since at
>a temporary setup in a local park with a wire literally thrown over a tree,
>there were absolutely *no* body capacitance effects.
>
>So for the twentieth time, I went outside to check out the antenna. This
time
>something clicked. I *always* color code my wires so that they can be
>identified at the *other* end. And if I can't use black for ground and
red or
>white for the "hot" lead, I at least use a green wire for ground. Kinda
like
>the safety ground I can remember the mnemonic "green is ground".
>
>Except this time! For some I got things exactly backward. Where the
antenna
>leads went through a feedthrough into the house, the ground lead was RED and
>the hot lead was GREEN! Dunc, dummy, rear-facing anatomical feature, you
>didn't do a very basic check!
>
>Back into the house. Throw on the Rainbow and the NC-40A... Aha! It

tunes up
>great and touching the ground has no effect on tuning!!!!
>
>Whoops, dinner time. After the dishes are cleared, the rig goes on the air
>for a quick check. There on 7040 is a familiar callsign, NF0R of St Louis
>Vertical fame. Quick QSO - 559 both ways (some QRM and QSB) and he is
running
>50 watts! yes, it works!
>
>A couple of days later another check. A "3" is /M handing out CH QSOs. Got
>him on the first call, 559 both ways. Yes, the antenna is working!
>
>Finally tonight came the ultimate confirmation. W5FN was the fox working
>folks all over and with good reports. Can I make it between the loud C08,
the
>hispanic language SSB and the digital gang? Yes, after about 20 minutes, he
>came back! N2CX de W5FN 449 TX, etc. And he was 459. My first fox capture
>of the year! Now the story can be told.
>
>As I've said before and will say again (and again, and again). Antennas
make
>you humble!
>
>
>72/73,
>
>Joe E., N2CX
>
>work: jeverhart@cayman.vf.mmc.com
>home: n2cx@voicenet.com
>
>
>
>
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: dwink@juno.com (Daniel C Winkler)
Subject: [7260] Re: Tuners; retraction (long)
Message-ID: <19961226.204044.14095.1.DWink@juno.com>

I was wrong about tuner settings. . .
Background:

----- Begin forwarded message -----
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: Re: Tuners
From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [7239] Re: URL problems
Message-ID: <Pine.SOL.3.94.961226200728.29110B-100000@utkux4.utcc.utk.edu>

Frank,

Apparently the pressure on the system (if internet can be called that) is very intense during this holiday season. Some folks have had trouble with the 10-10 home page also. Some of the commercial servers may be overloaded as US subscribers try out their new Christmas computers and gift subscriptions to services. I suspect the only answer is patience until most folks go back to work or school.

I have had almost no trouble accessing your pages whenever I try.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (423) 974-7215
1434 High Mesa Drive	/	\	\	\	----	\	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	\	/	/	(FAX) (423) 974-3509
37938-4443 USA	/	\	\	\	\		cebik@utk.edu
QRPARCI 2572	G-QRP 7203	CQC 125	NEQRP 347	NORCAL 1111	MIQRP 1432		
NWQRP 401	ARRL Life: Educational Advisor	QCWA 13211	10-10 41159				
scQRP 28	CW Ops QRP Club (VK) 476	FISTS 2600					
tenten-1 coordinator	http://www.lehigh.edu/lists/tenten-1/						

From owner-qrp-1@Lehigh.EDU Fri Dec 27 18:02:03 1996
From: ori@juno.com (Ori K Mizrahi-Shalom)
Subject: [7266] Re: Wanted: RF Filter Program
Message-ID: <19961226.222712.4367.4.ori@juno.com>

The GPLA program is useful but not the "canned" solution you were asking for.

I will also suggest a SPICE-type circuit simulation program. You can find a fully-functional program at <http://www.spectrum-soft.com/> With its 50 components limitation, you can do a lot of hobby designs on your computer at home.

73

ORI